

# TOYO-G

C A R S E R I E S

S O L U T I O N

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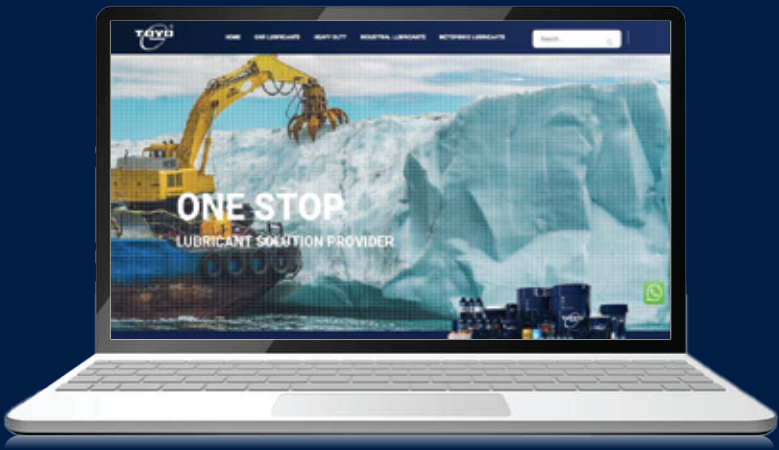
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# TOYO-G Technical Support

To view the entire range of TOYO-G products, visit our website online for full product information, Safety Data and Technical Data. Our products are constantly updated to ensure the highest level of regulatory compliance and optimum performance levels.



[WWW.TOYO-G.CO](http://WWW.TOYO-G.CO)



Our range of lubricant products is organized in seven categories to meet the varied needs of our customers, as well as our corporate goal of zero emissions.

## A range of 7 products to best meet your lubricating needs

### WHY TOYO-G CAR LUBRICANTS?

Engine oil plays a vital role in keeping your engine running in good condition at all times. A high-quality engine oil can extend the engine's lifetime and maximize its performance.

TOYO-G manufactures industrial chemicals and lubricants with superior performance in wear protection, corrosion prevention, friction control and heat-resistance. All our engine oils meet the requirements of OEMs and are certified to the various international standards of API, ACEA, and JASO.

Our engine oil incorporates know-how from years of experience in liquid engineering. Keeping your engine running in optimum condition at all times is our priority. Continuous use of TOYO-G products will ensure that your engine is well protected throughout its life.

# YOUR CHOICE MAKES YOU MORE PROFESSIONAL

## Quality levels and approvals

TOYO-G engine oils are formulated with mineral and/or synthetic base oil and high-quality additives. The products comply with most vehicle manufacturing specifications and other international standards (ACEA, API, or ILSAC).

We are committed to offering the best products to our customers. With their Seal of Quality, TOYO-G oils have the formal approval of OEMs and vehicle manufacturers.

### ACEA

[www.acea.be](http://www.acea.be)

Association des Constructeurs Européens d'Automobiles (in English: European Automobile Manufacturers' Association). This association is composed of Europe's major car, truck, van and bus manufacturers. The organization's membership includes a wide range of non-European motor vehicle manufacturers with production facilities and research centres in the European Union.

ACEA is involved in a wide range of activities, including establishing and defining oil standards. These standards, referred to as ACEA Oil Sequences, are updated regularly with new technologies being developed in the engine and lubrication industry, and as policies or regulations change.

The ACEA Oil Sequences specify the minimum performance qualities for lubricants to be used in vehicles of associated brands. For passenger vehicles, these specifications are divided into two categories: A/B for gasoline and diesel vehicles without particulate filters, and C for vehicles with particulate filters.

### API

[www.api.org](http://www.api.org)

American Petroleum Institute. This is the largest U.S. trade association for the oil and natural gas industry, representing some 600 corporations involved in production, refinement, distribution, and many other aspects of the petroleum and oil industry. Since 1924, the API has established and maintained standards for the oil industry which are internationally recognized and recommended by OEMs and vehicle manufacturers.

The API Service Classification (specifications) for engine oils are made up of two letters; the first indicates if it is for a gasoline (S) or diesel (C) vehicle, and the second follows alphabetical order with later letters corresponding to a newer specification (eg CJ, CK; SL, SM, SN, etc). The newer classification always equals or exceeds the performance levels of the previous ones.

These Service Classifications are particularly relevant outside Europe and serve as guidance for consumers with regards to the quality and performance of an engine oil. Oil manufacturers whose must apply for certification by API to be authorized to use and show the API standard on their products and in marketing activities.

### NLGI

[NLGI.org](http://NLGI.org)

National Lubricating Grease Institute (NLGI). This is an international trade association dedicated to the common interest of the lubricating grease. The objectives of the NLGI are to disseminate information that can lead to the development of better lubricating greases and to provide better grease lubrication engineering service to the industry. TOYO-G has been a member of this organization since June 13, 2002.

**/// IDEAL FOR RACING CARS WITH SUPER HIGH-PERFORMANCE ENGINES**



## Product Description

TOYO-G R+ (with super high-performance additives) is an engine oil for super high performance and high-speed racing engines. It is formulated with high-quality synthetic base oil and special additives to ensure optimum lubricating performance. R+ series are specially designed to constantly provide better and smoother power output so as to provide maximum performance for motorsports. It is an ideal oil for use in competition cars with super high-performance engines. It is fortified with premium anti-wear additives to give better protection, especially for flat tappet cams, pushrods, etc. TOYO-G includes a specially designed high-performance friction modifier in the R+ series formulation to handle the heavy load of high RPM engines running in competition or extreme conditions.

## Benefits

- Easy start-up and smoother performance during the race
- Good sludge control
- Improved compatibility with seal materials
- Excellent anti-foam and anti-rust properties
- Protect against high heat, high friction and high shear
- Enhance engine's performance



## TOYO-G TOP RANGE 10W-60 R+

Extra formulation for racing purpose



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                           |
|--------------------|---------------------------|
| Grade of viscosity | 10W-60                    |
| Type               | FULLY SYNTHETIC ESTER+PAO |
| API                | SN                        |
| Packaging          | 4L / 4pcs per box         |
| Part Number        | 8696L-0823                |



## TOYO-G TOP RANGE 0W-30 R+

Extra formulation for racing purpose



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                           |
|--------------------|---------------------------|
| Grade of viscosity | 0W-30                     |
| Type               | FULLY SYNTHETIC ESTER+PAO |
| API                | SN                        |
| Packaging          | 4L / 4pcs per box         |
| Part Number        | 8696L-0821                |



## TOYO-G TOP RANGE 5W-50 R+

Extra formulation for racing purpose



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                           |
|--------------------|---------------------------|
| Grade of viscosity | 5W-50                     |
| Type               | FULLY SYNTHETIC ESTER+PAO |
| API                | SN                        |
| Packaging          | 4L / 4pcs per box         |
| Part Number        | 8696L-0822                |

# EXTRA

## Product Description

TOYO-G EXTRA (formulated with Proven Engine Protection Additives) is a Super High-Performance and High-Speed multi-grade engine oil with a combination of high quality synthetic and ester base stocks for smoother and better performance and protection.

Complementing today's advanced engine technology, TOYO-G EXTRA uses advanced additives to prevent formation of sludge in the oil to ensure superior engine cleanliness and excellent protection against wear in the engine. In addition, better fuel economy can be achieved by using TOYO-G EXTRA.

TOYO-G EXTRA is specially blended to lubricate engines with ACEA Oil Sequence requirements. It is suitable for petrol, diesel and gas engines.

## Benefits

- Better fuel saving
- Enhanced levels of durability by minimizing metal-to-metal contact
- Reduced Maintenance with Enhanced engine wear protection
- Meets ACEA A3/B4 standard
- Prolongs engine life



## TOYO-G EXTRA 5W-30

specially blended to lubricate engines requiring **ACEA** performance.



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |  |
|--------------------|--|
| Grade of viscosity | 5W-30                                  |
| Type               | FULLY SYNTHETIC ESTER+PAO              |
| API                | SL/CF                                  |
| Packaging          | 4L - 4pcs per box / 1L - 12pcs per box |
| Part Number        | 8696L-0824 / 8696L-0097                |

### Performance Levels / Approvals >

ACEA A3 / B4 (2016) | API SL / CF | DAIMLER MB 229.3 | VOLKSWAGEN 50200 | VOLKSWAGEN 50500 | RENAULT 0700 | RENAULT 0710



## TOYO-G EXTRA 5W-40

specially blended to lubricate engines requiring **ACEA** performance.



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                           |
|--------------------|---------------------------|
| Grade of viscosity | 5W-40                     |
| Type               | FULLY SYNTHETIC ESTER+PAO |
| API                | SN/CF                     |
| Packaging          | 4L - 4pcs per box         |
| Part Number        | 8696L-0825                |

### Performance Levels / Approvals >

ACEA A3 / B4 (2016) | API SL / CF | DAIMLER MB 229.3 | VOLKSWAGEN 50200 | VOLKSWAGEN 50500 | RENAULT 0700

## EXTRA ADDITIVE FOR HIGH PERFORMANCE OUTPUT

### Product Description

TOYO-G EXTRA SERIES meets and exceeds the requirements of most European, Japanese, and Korean engine manufacturers and is suitable for all kinds of gasoline engines. It is a premium high-performance and high-speed advanced multi-grade engine oil that is formulated from 100% high quality synthetic base lubricants and combined with a special additive package to ensure optimum lubricating performance.

Together with the latest technology, TOYO-G EXTRA SERIES provides outstanding wear, corrosion and oxidation control which helps control engine emissions. It has been fortified with a highly effective detergent / dispersant additive system to maintain power output and improve fuel economy.

Suitable for most turbocharged direct-injection, high speed and high-powered engines.

### Benefits

- Easy start-up and smooth performance
- Specially formulated to protect high compression gasoline direct injection engines
- More stringent sludge control
- Improved compatibility with seal materials
- Excellent anti-foam and anti-rust properties
- Protection against high friction and high shear
- Enhance fuel consumption efficiency
- Better protection against low-speed pre-ignition & timing chain wear



## TOYO-G EXTRA 10W-40



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                           |
|--------------------|---------------------------|
| Grade of viscosity | 10W-40                    |
| Type               | FULLY SYNTHETIC ESTER+PAO |
| API                | SP/CF                     |
| Packaging          | 4L / 4pcs per box         |
| Part Number        | 8696L-0826                |



## TOYO-G EXTRA 15W-40



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                          |
|--------------------|--------------------------|
| Grade of viscosity | 15W-40                   |
| Type               | SYNTHETIC BLEND with PAO |
| API                | SP/CF                    |
| Packaging          | 4L / 4pcs per box        |
| Part Number        | 8696L-0827               |

# DPF

## Product Description

TOYO-G DPF 5W-30 (With Diesel Particulate Filter Cleaning Additive) is a Super High-Performance and High-Speed multi-grade engine oil with a combination of high-quality synthetic and ester base stocks which helps to ensure lower SAPS (Sulphated Ash, Phosphorous and Sulfur), with extended oil drain intervals.

Complementing today's advanced diesel engine technology, TOYO-G DPF 5W-30's advanced additive package ensures not only optimum lubricating performance but also cleaner exhaust gases and maintains vehicle efficiency.

It is designed to improve resistance to oxidation and corrosion in combination with high shear stability, thus providing superior engine protection, regardless of temperature fluctuations.

## Benefits

- Protect against blockage in diesel particulate filter
- Protect against friction, heat stress, sludge and oxidation
- Reduces Maintenance - Enhanced wear protection
- Very good for Diesel Engines with Supercharger or Turbocharger
- Environment-friendly product



# JLR

## PERFORMANCE WITH FUN

## Product Description

TOYO-G JLR 5W-30 (With extra anti-oxidation Additive and higher shear stable performance) is a Super High-Performance and High-Speed multi-grade engine oil with a combination of high-quality synthetic and ester base stocks which helps to ensure outstanding oil strength for engines with higher compression.

Complementing today's high-performance technology, TOYO-G JLR 5W-30's advanced additive package ensures not only optimum lubricating performance but also reduces engine deposits and maximizes engine output and performance.

It is designed to improve resistance to oxidation and corrosion in combination with high shear stability, thus providing superior engine protection, regardless of temperature fluctuations.

TOYO-G JLR 5W-30 multi-grade series are specially blended to lubricate today's gasoline and diesel engines that have tighter tolerances.

## Benefits

- Higher Shear Stability which helps to maximize engine performance
- Higher protection against friction, heat stress, sludge and oxidation
- Reduces Maintenance - Enhanced wear protection
- Light viscosity and low friction characteristics that help to improve fuel economy.
- ACEA A5/B5 extended drain performance





## TOYO-G DPF 5W-30 DIESEL TECH



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                           |
|--------------------|---------------------------|
| Grade of viscosity | 5W-30                     |
| Type               | FULLY SYNTHETIC ESTER+PAO |
| API                | SN                        |
| Packaging          | 4L - 4pcs per box         |
| Part Number        | 8696L-0724                |

#### Performance Levels / Approvals >

ACEA C1-08 (2008) | ACEA C1-10 (2010) | ACEA C1-12 (2012) | ACEA C2-12 (2012) | JASO DL-1 Ford WSS-M2C934-B | Jaguar Land Rover.03.5005

#### ACEA Knowledge for TOYO-G DPF 5W-30

ACEA C1 Stable, stay-in-grade Engine Oil with Lowest SAPS Level, intended for use as catalyst-compatible oil with Extended Drain Intervals in vehicles with all types of modern after-treatment systems and High-Performance Passenger Car & Light Duty Van Gasoline & DI Diesel Engines that are designed to be capable of using Low Viscosity Oils with a minimum HTHS Viscosity of 2.9 mPa.

ACEA C2 Stable, stay-in-grade Engine Oil with Mid SAPS Level, intended for use as catalyst-compatible oil with Extended Drain Intervals in vehicles with all types of modern after-treatment systems and High Performance Passenger Car & Light Duty Van Gasoline & DI Diesel Engines that are designed to be capable of using Low Viscosity Oils with a minimum HTHS Viscosity of 2.9 mPa.



## TOYO-G JLR 5W-30 specially blended to lubricate engines requiring ACEA performance.



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |  |
|--------------------|--|
| Grade of viscosity | 5W-30                                  |
| Type               | FULLY SYNTHETIC ESTER+PAO              |
| API                | SN                                     |
| Packaging          | 4L - 4pcs per box / 1L - 12pcs per box |
| Part Number        | 8696L-1231 / 8696L-1386                |

#### Performance Levels / Approvals >

ACEA A5 / B5 (2016) | FORD WSS-M2C913-D | JAGUAR LAND ROVER STJLR.03.5003 | API SN

#### ACEA Knowledge for TOYO-G JLR 5W-30

ACEA A5/B5 Stable, stay-in-grade Engine Oil intended for use with Extended Drain Intervals in Passenger Car & Light Duty Van Gasoline & Diesel Engines designed to be capable of using Low Viscosity Oils with HTHS Viscosity of 2.9 to 3.5 mPa. NOTE: These oils may be unsuitable for use in certain engines (consult vehicle-OEM's owner's manual/handbook in case of doubt).

# STRENGTH



## TOYO-G STRENGTH 5W-30 SP



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |  |
|--------------------|--|
| Grade of viscosity | 5W-30                                  |
| Type               | SYNTHETIC BLEND                        |
| API                | SP/CF, SN PLUS                         |
| Packaging          | 4L - 4pcs per box / 1L - 12pcs per box |
| Part Number        | 8696L-1034 / 8696L-0079                |

#### Performance Levels / Approvals >

API SERVICE SP / CF | API SERVICE SN PLUS | GM 6094M | FORD WSS-M2C946-A | CHRYSLER MS-6395N



## TOYO-G STRENGTH 10W-30 SP



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                   |
|--------------------|-------------------|
| Grade of viscosity | 10W-30            |
| Type               | 100% SYNTHETIC    |
| API                | SP/CF, SN PLUS    |
| Packaging          | 4L - 4pcs per box |
| Part Number        | 8696L-0828        |



## TOYO-G STRENGTH 10W-40 SP



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                   |
|--------------------|-------------------|
| Grade of viscosity | 10W-40            |
| Type               | SEMI SYNTHETIC    |
| API                | SP/CF, SN PLUS    |
| Packaging          | 4L - 4pcs per box |
| Part Number        | 8696L-0829        |

### Product Description

TOYO-G STRENGTH 5W-30 SP is a passenger car engine oil that meets the standard requirement of API SP Service Classification and is able to prevent the occurrence of LSPI (Low Speed Pre-ignition) and minimize timing chain elongation. A truly multi-grade engine oil that is formulated with a synthetic blend and special additive package to ensure the best protection. It comes with good thermal oxidative stability which helps to minimize sludge formation and deposits in engines. Additionally, it has been fortified with highly effective rust inhibitors and anti-wear additives to make sure critical engine parts are preserved in good condition.

Suitable for use in passenger cars, light trucks and vans which use gasoline and light duty diesel engines.

### Benefits

- Smoother performance
- Capable for LSPI engine system (Low Speed Pre-ignition)
- Minimizes deposits and sludge build-up
- Good anti-rust properties
- Protect against high friction and high shear
- Ensures trouble-free operation
- Prolong engine life
- Protects against timing chain wear and can enhance timing chain's life

### Product Description

TOYO-G STRENGTH 10W-30 has API SP Service Classification and meets the requirements of most European, Japanese and Korean engine manufacturers.

It is a high-performance and high-speed advanced multi-grade engine oil that is formulated from a fully synthetic base lubricant with a special additive package to ensure optimum lubricating performance.

It has been fortified with a highly effective detergent / dispersant additive system to maintain and improve power output and provide better fuel economy.

Most suitable for turbocharged direct-injection engines in passenger cars with gasoline and diesel engines.

### Benefits

- Easy start-up and smooth performance
- More stringent sludge control
- Improved compatibility with seal materials
- Excellent anti-foam and anti-rust properties
- Protects against high friction and high shear
- Enhances fuel efficiency
- Environment- friendly product
- Emission control system protection

### Product Description

TOYO-G STRENGTH 10W-40 SP is a passenger car engine oil that meets the standard requirement of API SP Service Classification.

A truly multigrade engine oil that is formulated from semi synthetic base stocks and special additives package to ensure optimum protection. It has good thermal oxidative stability which helps in minimizing sludge and deposits in engines.

TOYO-G STRENGTH 10W-40 SP has also been fortified with effective rust inhibitors and anti-wear additives to make sure critical engine parts are continuously kept in good condition.

Suitable for use in passenger cars, light trucks and vans with gasoline and light duty diesel engines.

Suitable for use in passenger cars, light trucks and vans with gasoline and light duty diesel engines.

### Benefits

- Smoother performance
- Suitable with engine management system for LSPI (Low Speed Pre-ignition)
- Protect against wear and tear
- Minimizes deposits and sludge build-up
- Good anti-rust properties
- Protect against high friction and high shear
- Ensure trouble-free operation
- Prolong engine life
- Protect against timing chain wear and able to enhance timing chain's life

### Product Description

TOYO-G STRENGTH with API SL Service Classification is a passenger car engine oil that meets the requirements of most European, Japanese and Korean engine manufacturers.

A truly multi-grade engine oil that is formulated from highly refined paraffinic base oil with a special additive package to ensure optimum protection. It comes with good thermal oxidative stability which helps in minimizing sludge and deposits in engines.

Additionally, TOYO-G STRENGTH API SL has been fortified with effective rust inhibitors and anti-wear additives to ensure critical engine parts are constantly preserved in good condition.

Suitable for use in passenger cars, light trucks and vans with gasoline and light duty diesel engines.

### Benefits

- Smoother performance
- Protection against wear and tear
- Minimizes deposits and sludge build-up
- Good anti-rust properties
- Protects against high friction and high shear
- Ensures trouble-free operation
- Prolong engine life



## TOYO-G STRENGTH 10W-30 SL



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                   |
|--------------------|-------------------|
| Grade of viscosity | 10W-30            |
| Type               | CONVENTIONAL      |
| API                | SL/CF             |
| Packaging          | 4L - 4pcs per box |
| Part Number        | 8696L-1005        |



## TOYO-G STRENGTH 20W-50 SL



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                   |
|--------------------|-------------------|
| Grade of viscosity | 20W-50            |
| Type               | CONVENTIONAL      |
| API                | SL/CF             |
| Packaging          | 4L - 4pcs per box |
| Part Number        | 8696L-0830        |



## TOYO-G CLASSIC 25 20W-50



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                   |
|--------------------|-------------------|
| Grade of viscosity | 20W-50            |
| Type               | MINERAL           |
| API                | SF/CD             |
| Packaging          | 4L - 4pcs per box |
| Part Number        | 8696L-0904        |

#### Product Description

TOYO-G CLASSIC 25 is an engine oil for vintage vehicles that meets the standard requirements of older engine types. This multi-grade engine oil is formulated with highly refined mineral base oil and incorporates an additive package to provide optimum protection for most engines in classic car models. It has good thermal oxidative stability to help minimize sludge and deposits within the engine.

TOYO-G CLASSIC 25 is fortified with highly effective rust inhibitors and anti-wear additives to preserve critical engine parts in a good condition.

Suitable for use in most classic vehicles with both gasoline and diesel engines.

Gasoline: recommended use from 1950s – 1980s (up to 1988)

Diesel: recommended use from 1950s – 1990s (up to 1994)

#### Benefits

- Minimizes deposits and sludge build-up
- Protect against wear and tear
- Good anti-rust properties
- Prolong engine life
- Smoother performance
- Protect against friction and shear
- Can be mixed with both synthetic and mineral engine oils
- Service Classification: API SF / CD



# D-TURBO

## Product Description

TOYO-G D-TURBO CK-4 is a Super High-Performance multi-grade diesel engine oil formulated with premium fully synthetic base oil. It is not only ensures optimum lubricating performance but promotes extended life of emission after-treatment systems such as the Diesel Particulate Filter (DPF), etc.

It is designed to improve resistance to oxidation and corrosion and has high shear stability, thus providing superior engine protection, regardless of temperature fluctuations. It is highly recommended for Heavy-Duty Trucks with engines having a supercharger and turbocharger.

It meets the API CK (CK-4) Service Classification to provide the best diesel engine lubrication and protection.

## Benefits

- Maintains power and fuel economy - Improved oil consumption.
- Protect against friction, heat stress, sludge and oxidation.
- Reduces Maintenance - Enhanced wear protection.
- Smooth and dependable performance.
- High Temperature, High Shear (HTHS) viscosity for fuel economy benefits

## Performance Levels / Approvals >

ACEA E9-16 | Mack EOS-4.5 | Detroit Diesel DFS 93K222 | API CK-4/SN, CK-4, CJ-4 | Renault Truck RDL-4 | MB 228.31 V2016. | Cummins CES 20086 | CAT ECF-3 | MTU Type 2.1 | Ford WSS-M2C171-F1 | Volvo VDS-4.5 | Deutz DQC III-10 LA



## TOYO-G D-TURBO 5W-40



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                 |
|--------------------|-----------------|
| Grade of viscosity | 5W-40           |
| Type               | FULLY SYNTHETIC |
| API                | CK(CK-4)/SN     |
| Packaging          | 7L              |
| Part Number        | 8696L-1286      |



## TOYO-G D-TURBO 10W-40



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                 |
|--------------------|-----------------|
| Grade of viscosity | 10W-40          |
| Type               | FULLY SYNTHETIC |
| API                | CK(CK-4)/SN     |
| Packaging          | 7L              |
| Part Number        | 8696L-1287      |

## MULTI-LEVEL PROTECTION FOR HARDWORKING ENGINE

### Product Description

TOYO-G D-TURBO 15W-40 is a Super High-Performance and High-Speed multi-grade diesel engine oil formulated with high-quality synthetic cum paraffinic base stocks and additive package with the latest technology to provide optimum lubricating performance at all times. It is designed to improve resistance to oxidation and corrosion, has high shear stability, thus providing superior engine protection, regardless of temperature fluctuations. It is highly recommended for Heavy-Duty Trucks using engines with a supercharger or turbocharger.

TOYO-G D-TURBO 15W-40 meets API CI (CI-4) / SL Service Classification to provide the best diesel engine lubrication and protection.

### Benefits

- Maintains power and fuel economy - Improved oil consumption
- Protect against friction, heat stress, sludge and oxidation
- Reduces Maintenance - Enhanced wear protection
- Smooth and dependable performance
- Very good for Diesel Engines with supercharger or turbocharger



### Performance Levels / Approvals >

ACEA E7-22(2022), E7-16 (2016) | Mack EO-M Plus, EO-N | Detroit Diesel DDC 93K215 | API CI-4, CH-4, CG-4, CF, CF-4 | Renault Truck RDL-2 | MB-Approval 228.3 Cummins CES 20076, 20077, 20078 | MAN M 3275 | CAT ECF-1-a, ECF-2 | MTU Type 2 | Global DHD- | Volvo VDS-3 Deutz | QDC III-10



## TOYO-G D-TURBO 15W-40



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|                    |                 |
|--------------------|-----------------|
| Grade of viscosity | 15W-40          |
| Type               | SYNTHETIC BLEND |
| API                | CI(CI-4)/SL     |
| Packaging          | 7L              |
| Part Number        | 8696L-1285      |

## DRIVELINE ADD-ON PROTECTION

19 Brake & clutch fluid

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20 Power steering fluid

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20 - 22 Automatic transmission oil

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23 - 25 Manual gear oil

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26 - 27 Anti-freeze coolant

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## DRIVELINE ADD-ON PROTECTION

### DOT 5.1

#### BRAKE & CLUTH FLUID



- Specially designed for extreme high boiling points ABS Braking Systems and most -- Hydraulic Clutch.
- Having great thermal stability
- Longer lifespan with 100% fully synthetic formulation.
- It prevent sheer and undiluted water in the braking system.
- Contains of highly effective inhibitor which helps to protect metal against oxidation and corrosion.
- Optimal lubricity that avoid the abrasion of the brake system by friction.
- High elastomer compatibility which offering an effective protection by causing rubber swelling.



PRODUCT INFO

#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | GLYCOL             |
| Colour      | CLEAR              |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-1423         |

### DOT 4

#### BRAKE & CLUTH FLUID



- Special formulation designed specifically for ABS Braking Systems and most hydraulic clutches
- Great thermal stability
- Longer lifespan with 100% fully synthetic formulation.
- Prevents shear and water dilution in the brake system.
- Excellent corrosion protection for ferrous and non-ferrous metals.



PRODUCT INFO

#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | GLYCOL             |
| Colour      | CLEAR              |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0945         |

# DRIVELINE ADD-ON PROTECTION

## PSF

### POWER STEERING FLUID



- Good oxidation resistance to prevent oil thickening and reducing deposits
- Prolong service life of power steering system.
- Seal compatibility and protection against hose deterioration
- Good friction durability and enhanced protection against pump wear
- Highly effective prevention of rust and corrosion



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | CONVENTIONAL       |
| Colour      | RED                |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-1161         |

#### Performance Levels / Approvals (Suitable for use) >

CHRYSLER MS-1872 & MS-5931, P/N 04883077 & MS-9602, ATF+4 | DEXRON IID & DEXRON III | FORD M2C195-A  
 GENERAL MOTOR P/N 89021184 & GM 9985010, P/N 1052884 | HYUNDAI / KIA PSF-3 | MERCEDES BENZ 236.3, P/N 000 989 88  
 03 | MITSUBISHI PS FLUID & MITSUBISHI DIAMOND SP III | NISSAN PSF-II | SAAB P/N (45) 30 09 800 | SUBARU P/N  
 K0209A0080 | TOYOTA PSF TYPE EH, P/N 008886-01

## ATF 3

### AUTOMATIC TRANSMISSION



- Affordable product and suitable for most vehicles with automatic transmissions.
- Excellent protection in high/low temperature conditions.
- Reduces Maintenance.
- Protects against high friction and high shear.
- Superior oxidation resistance.
- Enhanced friction durability for smoother and more dependable transmission performance



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | SEMI SYNTHETIC     |
| Colour      | RED                |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0076         |

#### Performance Levels / Approvals (Suitable for use) >

ALLISON TES-389B | ALLISON C-4 | CATERPILLAR TO-2 | FORD M | FORD XL-12 | GM IID GM IIE | GM IIIG | GM IIHH | JASO  
 1-A | VOITH H55.6335.XX | VOLVO 97340 | VOLVO 97335 | VOLVO 97235 | ZF TE-ML 05L | ZF TE-ML 09 | ZF TE-ML 21L

## ATF 3H HIGH VISCOSITY

### AUTOMATIC TRANSMISSION



- Special formulation designed specifically for the optimal running of the electronically controlled electro-hydraulic actuator in all weather conditions.
- Unique ATF additive that enhances properties for exceptional fluidity when cold, and greater protection when hot (very high thermal stability).
- Revolutionary formulation compatible with all types of automatic transmissions and hydraulic servo equipment.
- Use of special detergent and dispersant additives maintains cleanliness of the sophisticated parts of the automatic transmissions and hydraulic power steering systems.



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | FULLY SYNTHETIC    |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0083         |

#### Performance Levels / Approvals (Suitable for use) >

ALLISON C-4 | MB 236.1 / 236.2 / 236.3 / 236.5 / 236.6 / 236.7 | ALLISON TES-389 / TES-389B | MB 236.9 / 236.10 / 236.11 / 236.81 | ALLISON TES-295 | MAN 339F / 339 TYPE V-1 / Z-1 | AUDI G 052 162 / G 052 990 / G 055 025 | NISSAN 402 / MATIC-D / MATIC-J / MATIC-K | BMW 7045E / 8072B | PSA AL-4 | BMW LA 2634 / LT 71141 | RENAULT DP-0 | FORD M / XL-12 TRANSFER CASE | SUBARU ATF / ATF-HP | GM IID / IIIG / IIHH | SUZUKI 3314 / 3317 | HONDA ATF Z-1 | TOYOTA T / T-II / T-III / T-IV | HYUNDAI / KIA SP-II / SP-III | VOLVO P/N 1161621 / P/N 1161540 / P/N 1161640 | IDEMITSU K17 (JATCO) | VOLVO 97340 / 97341 | JASO 1-A | VOITH H55.6335 | JWS 3314 / 3317 / 3309 | VW G 052 162 / G 052 990 / G 055 025 | KIA RED-1 | ZF TE-ML 09 / TE-ML 11 | MAZDA ATF-M III / ATF-MV | ZF TE-ML 03D / TE-ML 04D / TE-ML 05L / TE-ML 16L / TE-ML 17C | MITSUBISHI SP-II / SP-III | ZF TE-ML 14A

## ATF MULTI-VEHICLE LOW VISCOSITY

### AUTOMATIC TRANSMISSION



- Reduce logistical complexity, less ATF inventory,
- Lower viscosity grade for fuel economy, good wear and seal protection
- Reduce risks of using an incorrect fluid
- Increase product availability by stocking one ATF for use in multiple vehicle models
- Provides world-class frictional and anti-shudder durability (ASD) characteristics
- Meets Jaso 1-A and Jaso 1-A LV requirements.



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | FULLY SYNTHETIC    |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0660         |

#### Performance Levels / Approvals (Suitable for use) >

AISIN WARNER AW-1 | LAND ROVER P/N TYK500050, LR0022460 | ATF M1375.4 MERCEDES BENZ 236.12, 236.14, 236.15, 236.41 | AUDI G 055 005, 055 162 | MINI 83 22 0 142 516, 83 22 2 152 426 | BMW 83 22 0 142 516, 83 22 2 152 426 | MITSUBISHI ATF-J2, SP-IV | HONDA / ACURA DW-1 | NISSAN MATIC S, MATIC W | HYUNDAI / KIA SP-IV, SPH-IV, SP-IV RR | SAAB 93 165 147 | HYUNDAI NWS-9638 | TOYOTA WS | JAGUAR FLUID 8432 | VOLVO 6 SPEED (P/N 31256774, 31256675) | JASO 1-A-LV | VOLKSWAGEN G 052 540, 055 005, G055 162 | JWS 3324 | ZF6SPEED(S671 090 255)

## DRIVELINE ADD-ON PROTECTION

### CVT

#### CONTINUOUSLY VARIABLE TRANSMISSION



- Suitable for all Belt-CVT and Chain-CVT systems
- Superior metal-to-metal wear protection
- Enhanced anti-shudder durability
- Better shear stability
- Low temperature properties
- Anti-foam
- Oxidation stability



PRODUCT INFO

#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | FULLY SYNTHETIC    |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0088         |

#### Performance Levels / Approvals (Suitable for use) >

AUDI TL 52180, G 052 180 | MERCON C | DODGE NS-2 / CVTF+4 | MINI COOPER EZL 799 | FORD CVT 23 | MITSUBISHI CVTF-J1 / SP-III | FORD CVT 30 | NISSAN NS-2 | GM DEX-CVT | SATURN DEX-CVT | HONDA HMMF | SUBARU NS-2 / LINEARTRONIC CVTF | HYUNDAI / KIA SP-III | SUZUKI TC / NS-2 / CVT GREEN 1 | JEEP NS-2 / CVT+4 | TOYOTA TC | MERCEDES BENZ 236.20 | VOLKSWAGEN 52180, G 052 180

### DCT

#### DUAL CLUTH TRANSMISSION



- Able to increase friction durability for a longer-lasting smooth shift feel
- Longer fluid life and extended drain intervals
- Better load-carrying, protecting gears and bearings which helps to increase the life of the transmission
- Better seal performance for better protection against fluid leakage, preventing component failures from oil starvation and helping to protect the environment.
- Superior shear stability



PRODUCT INFO

#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | FULLY SYNTHETIC    |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0251         |

#### Performance Levels / Approvals (Suitable for use) >

BMW 83 22 2 148 578 | MERCEDES BENZ 236 21 9001 989 85 03 | BMW 83 22 2 148 579 | MZ 320065 DIA-QUEEN SSTF-I | BMW 83 22 0 440 214 | PORSCHE 999.917.080.00 | BMW 83 22 2 147 477 | VOLKSWAGEN TL 052 182 | CITROEN / PEUGEOT 9734 S2 | VOLKSWAGEN TL 052 529 | FORD M2C936A | VOLVO 1161838 | VOLVO 1161839

## DRIVELINE ADD-ON PROTECTION

### Product Description

A super high-performance, multipurpose, thermally stable gear lubricant formulated from the combination of dual high-quality pure synthetic and ester base stocks. Together with an advanced additive package, it meets the latest requirements for today's high-performance and high-speed automobile applications.

It provides excellent protection against rust and corrosion, has good thermal stability and excellent resistance against wear and oxidation, giving excellent lubrication under extreme conditions.

The additive package with special technology suspends sludge and deposits in the gear oil, reduces foaming, extends gear equipment life and prolongs oil service life.

### Benefits

- Combination of dual synthetics provides excellent slipperiness during high-low operating temperatures
- Superior shear stability which offers better performance during extreme operating conditions
- LSD technology improves efficiency of racing differentials
- With friction modifier additive which helps to reduce friction during operation
- Fortified with extreme pressure additive to provide excellent load-carrying ability and extreme pressure properties.

## TOP RANGE 75W90 R+ <sup>LSD</sup>

### MANUAL GEAR FLUID

Limited Slip Differential Racing Gear and Axle Oil



### SPECIFICATIONS AND APPROVALS

|             |                                |
|-------------|--------------------------------|
| Type        | FULLY SYNTHETIC with ESTER+PAO |
| Colour      | BLUE                           |
| Packaging   | 1L - 12pcs per box             |
| Part Number | 8696L-0712                     |



PRODUCT INFO

### Performance Levels / Approvals >

API GL-5 | ZF TE-ML 04G | ZF TE-ML 07A | ZF TE-ML 08

## TOP RANGE 75W140 R+ <sup>LSD</sup>

### MANUAL GEAR FLUID

Limited Slip Differential Racing Gear and Axle Oil



### SPECIFICATIONS AND APPROVALS

|             |                                |
|-------------|--------------------------------|
| Type        | FULLY SYNTHETIC with ESTER+PAO |
| Colour      | BLUE                           |
| Packaging   | 1L - 12pcs per box             |
| Part Number | 8696L-0706                     |



PRODUCT INFO

### Performance Levels / Approvals >

API GL-5 | ZF TE-ML 04G | ZF TE-ML 07A | ZF TE-ML 08

# DRIVELINE ADD-ON PROTECTION

## Product Description

TOYO-G MANU GL5 Mono-grade Gear Oil is a high performance, multipurpose, thermally stable, gear lubricant specially formulated from high quality pure base stocks and advanced additives package to meet the latest specifications for today's high performance automobiles, trucks and industrial applications. It provides excellent protection against rust and corrosion, wear resistance, oxidation and good thermal stability, in AUTOMOTIVE gear and axle applications.

### 90

#### MANUAL GEAR FLUID



#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | MINERAL            |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0566         |



PRODUCT INFO

#### Performance Levels / Approvals >

API GL-5 | ZF TE-ML 04G | ZF TE-ML 07A | ZF TE-ML 08

### 140

#### MANUAL GEAR FLUID



#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | MINERAL            |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0569         |



PRODUCT INFO

#### Performance Levels / Approvals >

API GL-5 | ZF TE-ML 04G | ZF TE-ML 07A | ZF TE-ML 08



## DRIVELINE ADD-ON PROTECTION

### Product Description

TOYO-G MANU-G Series are fortified with extreme pressure additives to provide excellent load-carrying ability and extreme pressure properties.

The additive package with special technology suspends sludge and deposits in the gear oil, reduces foaming, extends gear equipment life and prolongs oil service life.

## 75W90

### MANUAL GEAR FLUID



#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | MINERAL            |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0707         |



PRODUCT INFO

#### Performance Levels / Approvals >

API GL-5 | ZF TE-ML 04G | ZF TE-ML 07A | ZF TE-ML 08

## 80W90

### MANUAL GEAR FLUID



#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | MINERAL            |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0717         |



PRODUCT INFO

#### Performance Levels / Approvals >

API GL-5 | ZF TE-ML 04G | ZF TE-ML 07A | ZF TE-ML 08

## 85W140

### MANUAL GEAR FLUID



#### SPECIFICATIONS AND APPROVALS

|             |                    |
|-------------|--------------------|
| Type        | MINERAL            |
| Colour      | GOLD / ORIGINAL    |
| Packaging   | 1L - 12pcs per box |
| Part Number | 8696L-0568         |



PRODUCT INFO

#### Performance Levels / Approvals >

API GL-5 | ZF TE-ML 04G | ZF TE-ML 07A | ZF TE-ML 08

# DRIVELINE ADD-ON PROTECTION



## COOLANT ACE



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|              |  |  |
|--------------|--|--|
| Product name | COOLANT ACE                            |  |
| Type         | EXTENDED-LIFE CONCENTRATED             |  |
| Colour       | ORANGE                                 |  |
| Packaging    | 4L - 4pcs per box / 1L - 12pcs per box |  |
| Part Number  | 8696L-1026 / 8696L-0675                |  |

#### Product Recommendation

Note: When diluted with too much water, conventional anti-freeze/coolants will have reduced extended life benefits. Hence, the recommended mixing ratio in the radiator should be: Min. 30% - Max. 60% of water for best results.

#### Benefits

- Protect against freezing and boiling
- Long-life protection against corrosion
- Seal and hose compatibility
- Clean Operation
- Non-flammable
- Longer-life drain interval
- Nitrite, Phosphate, Borate, Silicate, and Amine-free

#### Product Performance meets and exceeds the limit:-

ASTM D-3306 | ASTM D-4985 | SAE J1043 | British Standard 6508:2010 | FFV Heft R443 | CUNA NC 956-16 | UNE 26361-88 | JIS K 2234 | NATO S 759

#### Product Performance meets OEM specifications:-

Chrysler MS 9176 | Cummins 85T8-2 & 90T8-4 | Ford ESE M97B49-A | Ford WSS-M97B44-D & ESD M97 B49-A | John Deere H24 B1 & C1 | Leyland Trucks LTS 22AF 10 | Mack 014GS 17004 | Man 248, 324 (SNF) & B&W D 36 5600 | Mercedes Benz 325.3 | Renault 41-01-001 | VAG TL 774F | Volvo



## COOLANT QUEEN



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|              |  |  |
|--------------|--|--|
| Product name | COOLANT QUEEN                          |  |
| Type         | PREMIX                                 |  |
| Colour       | RED                                    |  |
| Packaging    | 4L - 4pcs per box / 1L - 12pcs per box |  |
| Part Number  | 8696L-0656 / 8696L-0409                |  |

#### Product Recommendation

Note: When diluted with too much water, conventional anti-freeze/coolants will have reduced extended life benefits. Hence, the recommended mixing ratio in the radiator should be: Min. 10% - Max. 30% of water for best results.

#### Benefits

- Reduced Coolant Misting
- Protection against corrosion
- Clean Operation
- Anti-rust protection
- Environment-friendly

#### Product Performance meets and exceeds the limit:-

ASTM D-3306  
British Standard 6580:2010



## COOLANT KING



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|              |  |  |
|--------------|--|--|
| Product name | COOLANT KING                           |  |
| Type         | 100% CONCENTRATED LONG -LIFE           |  |
| Colour       | BLUE                                   |  |
| Packaging    | 4L - 4pcs per box / 1L - 12pcs per box |  |
| Part Number  | 8696L-0397 / 8696L-0408                |  |

#### Product Recommendation

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P Product Recommendation

Note: When diluted with too much water, conventional anti-freeze/coolants will have reduced extended life benefits. Hence, the recommended mixing ratio in the radiator should be: Min. 30% - Max. 50% of water for best results.

#### Benefits

- Reduced Coolant Misting
- Protection against corrosion
- Clean Operation
- Anti-rust protection
- Environment-friendly

#### Product Performance meets and exceeds the limit:-

ASTM D-3306 | ASTM D-4985 | SAE J1043 | British Standard 6508:2010 | FFV Heft R443 | CUNA NC 956-16 | UNE 26361-88 | JIS K 2234 | NATO S 759

#### Product Performance meets OEM specifications:-

Chrysler MS 9176 | Cummins 85T8-2 & 90T8-4 | Ford ESE M97B49-A | Ford WSS-M97B44-D & ESD M97 B49-A | John Deere H24 B1 & C1 | Leyland Trucks LTS 22AF 10 | Mack 014GS 17004 | Man 248, 324 (SNF) & B&W D 36 5600 | Mercedes Benz 325.3 | Renault 41-01-001 | VAG TL 774F | Volvo



## COOLANT JACK



PRODUCT INFO

### SPECIFICATIONS AND APPROVALS

|              |  |  |
|--------------|--|--|
| Product name | COOLANT JACK                           |  |
| Type         | PREMIX                                 |  |
| Colour       | GREEN                                  |  |
| Packaging    | 4L - 4pcs per box / 1L - 12pcs per box |  |
| Part Number  | 8696L-1126 / 8696L-1160                |  |

#### Product Recommendation

Note: When diluted with too much water, conventional anti-freeze/coolants will have reduced extended life benefits. Hence, the recommended mixing ratio in the radiator should be: Max. 20% of water for best results

#### Benefits

- Reduced Coolant Misting
- Protection against corrosion
- Clean Operation
- Anti-rust protection
- Environment-friendly
- Nitrite, Phosphate, Borate, Silicate and Amine-Free

#### Product Performance meets and exceeds the limit:-

ASTM D-3306  
British Standard 6580:2010

