



# FUSITO

**LUBRICANT OIL**

**将来を見据えるグリーン製品**

***GREEN PRODUCT  
FORWARD THE FUTURE***





**FUSITO**

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## About Us

FUSITO GROUP, JAPAN diversifies our products in automotive, motorcycle range such as battery, filters, windshield washer fluid, coolants, sprocket set, brakeshoe, in particular in FUSITO lubricants. FUSITO lubricants are distributed to over the whole world via its global network. We can deliver the shipment fast and conveniently based on our international network of factories in many countries such as Japan, Singapore, Bulgaria, Thailand etc. We have strong belief in launching greener products for every clients with superior lubricants from premium basestock and high quality additives. We create products for opening the way to protect the environment for next generations.



## Diverse Range of Products

FUSITO GROUP serves customers with various products of lubricants for Automotive, Industrial, Marine, Metal Working Components, Greases and Specialty Components: lubricant (Singapore), filter (Japan), sprocket and brake shoe (Thailand), coolants and windshield washer fluid (Bulgary). To launch officially to the market, all products must be researched in-depth and inspected strictly which all passes international standards of quality and performance.



## Brand Philosophy



**Clean Environment**  
Fulfilling our social responsibility by contributing to a cleaner environment for us and the next generation.



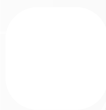
**Q.S.O.P**  
Quality. Shipping. Co-operation. Price



**Integrity**  
Being honest and upright in all our dealings with partners and clients is how we operate



**Innovative**  
Innovation is always on our mind as we aim to deliver premium lubricants using the latest technology.

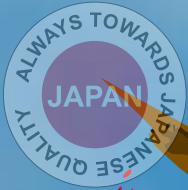


**High Quality**  
We always aim to provide high quality in terms of products and services to our valued clients.



**Reliability**  
We work to provide premium products and excellent services which you can always rely on.





# PCMO

PASSENGER CAR MOTOR OIL



## FULLY SYNTHETIC (PAO) MOTOR OIL



### SUPER FORMULA G (5W-30)



#### Application / Benefits

- Formulated for stop and go driving conditions.
- Silky smooth operation for all high performance engines.
- Exceeds the latest U.S. requirement for gasoline and LPG/CNG engines.
- Protects engines under severe driving conditions.

#### Specifications:

- API: SN/CF
- ACEA: C3 - 16
- GM Dexos 2
- BMW LL-04
- ILSAC: GF5
- FORD: WSS-M2C9130C
- MB 229.31/229.51
- Renault RN 0700/ 0710



### SUPER FORMULA G (5W-40)



#### Application / Benefits

- Super fluidity over a wide range of temperatures and operating conditions.
- Improves engine performance, yet energy saving.
- Superior high temperature protection.
- Protects against rust and corrosion, extend drain interval.

#### Specifications:

- API: SN/CF
- ACEA: C3 - 16
- GM Dexos 2
- BMW LL-04
- VW 502.00/ 505.00/ 505.01
- FORD WSS-M2C-917-A
- MB 229.31/229.51
- Renault RN0710/ 0700
- Porsche A40.



## SYNTHETIC BLEND MOTOR OIL



### SUPER POWER GL (10W-40)



#### Application / Benefits

- Auto-fixing function.
- Improves oil film thickness, preventing oil seepages through enlarged clearances.
- Improves oil film retention on cylinder liners.
- Condition seals and gaskets and prevent leakages.
- Special protection against wear.
- Reduces oil consumption.

#### Specifications:

- API SN/CF



### SUPER POWER GL (15W-40)



#### Application / Benefits

- Exceeds the highest U.S lubricating oils standards for gasoline and LPG/CNG engines
- Silky smooth operation for all high performance engines.
- Increases emission system durability and improves fuel efficiency.
- Improves piston cleanliness and increases engine sludge protection.

#### Specifications:

- API SN/CF



### SUPER POWER GL (20W-50)



#### Application / Benefits

- Exceeds the highest U.S lubricating oils standards for gasoline and LPG/CNG engines
- Silky smooth operation for all high performance engines.
- Increases emission system durability and improves fuel efficiency.
- Improves piston cleanliness and increases engine sludge protection.
- Increases wear protection and extends service life.

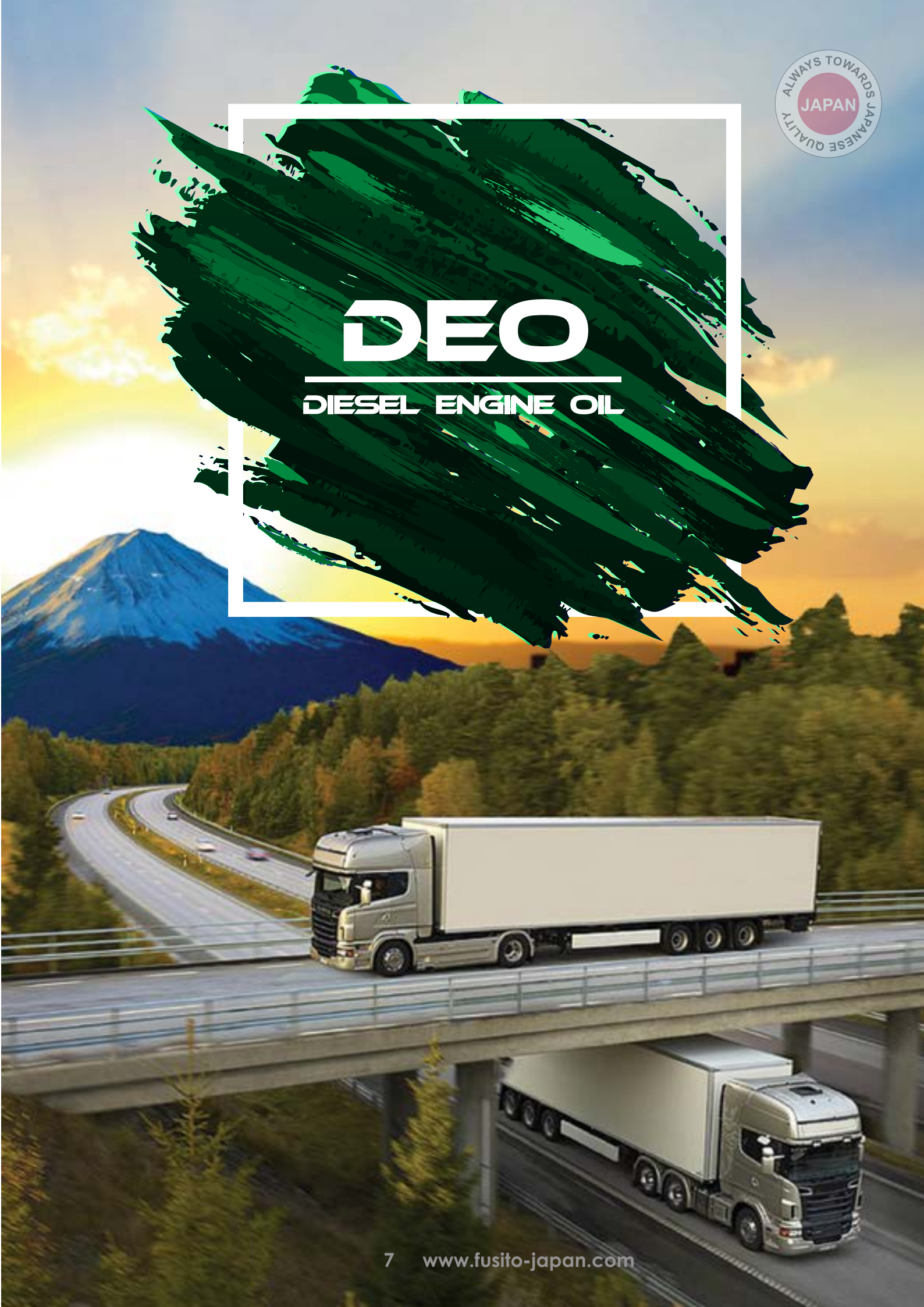
#### Specifications:

- API SN/CF



# DEO

DIESEL ENGINE OIL





## SIGNATURE FULLY SYNTHETIC DIESEL ENGINE OIL



### SUPER FORMULA D (0W-30)



#### Application / Benefits

- Better protect engines, minimizes oil consumption.
- Satisfying most diesel engine OEM oil demands.
- Synthetic base, inherent thermal-stability and anti-oxidation property.
- Particular suitable for the modern diesel engine.
- Provide better fuel economy, and reduce GHG emissions.

#### Specifications:

- API CJ-4, CI-4, CI-4Plus, CH-4/SN
- ACEA E9-12
- JASO: DH-2
- MAN M3575
- Renault: RLD-3
- MTU Type I&II
- CATERPILLER ECF-2/3
- CUMMINS CES 20081
- DETROIT DIESEL 93K218
- MACK EO-O PP07
- MERCEDES-BEN 228.321
- Volvo VDS-4



### SUPER FORMULA D (5W-40)



#### Application / Benefits

- Better protect engines, minimizes oil consumption.
- Satisfying most diesel engine oil of OEM demands.
- Hydro-treated base, inherent thermal-stability and anti-oxidation property.
- Particular suitable for the modern diesel engine.
- Provide better fuel economy, and reduce GHG emissions.

#### Specifications:

- API CJ-4, CI-4, CI-4Plus, CH-4/SN
- ACEA E9-12
- JASO: DH-2
- MAN M3575
- Renault: RLD-3
- MTU Type I&II
- CATERPILLER ECF-2/3
- CUMMINS CES 20081
- DETROIT DIESEL 93K218
- MACK EO-O PP07
- MERCEDES-BEN 228.321
- Volvo VDS-4







## HEAVY DUTY DIESEL ENGINE OIL



### PREMIUM TURBO MAX (15W-40)

#### Application / Benefits

- The combination of increased temperature and viscosity characteristics as well as outstanding lubrication properties offer the possibility to operate vehicles in various climate conditions.
- The base oil in product formulation have high viscosity index and provide all weather application performance in various climate conditions, including cold climate regions.
- Time proven outstanding protection performance of oil formulation allows to maximize overall engine durability.

#### Specifications:

- API CI-4/SL
- ACEA E7
- Cummins CES 20078
- Cummins CES 20077
- Cummins CES 20076
- Deutz DQC III-18
- JASO DH-1
- Detroit DFS 93K215
- Mack EO-M. EO-M PLUS
- MB-Approval 228.3
- MAN M3275 ● MTU Category 2
- Volvo VDS-3, Mack EO-N
- Renault RLD-2
- Caterpillar ECF-2/1A



### PREMIUM TURBO MAX (20W-50)

#### Application / Benefits

- The combination of increased temperature and viscosity characteristics as well as outstanding lubrication properties offer the possibility to operate vehicles in various climate conditions.
- The base oil in product formulation have high viscosity index and provide all weather application performance in various climate conditions, including cold climate regions.
- Time proven outstanding protection performance of oil formulation allows to maximize overall engine durability.

#### Specifications:

- API CI-4/SL
- ACEA E7
- Cummins CES 20078
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- Mack EO-M. EO-M PLUS
- MB-Approval 228.3
- MAN M3275 ● MTU Category 2
- Volvo VDS-3, Mack EO-N
- Renault RLD-2
- Caterpillar ECF-2/1A





## HEAVY DUTY DIESEL ENGINE OIL



### PREMIUM TURBO PLUS (15W-40)

#### Application / Benefits

- FUSITO® Heavy Duty CF-4/SG series can deliver the user a range of benefits associated with the use of multigrade oils.
- FUSITO® Heavy Duty CF-4/SG series can be confidently used in many turbo-charged engines to provide protection and long engine life.
- FUSITO® Heavy Duty CF-4/SG series exceeds the normal standards of piston cleanliness associated with API CF-4/SG oils. The use of modern formulation chemistry delivers piston cleanliness that guaranteeing the user consistently high performance in a range of applications.
- Major engine manufacturer acceptance - FUSITO® Heavy Duty CF-4/SG series meets the recommendation of many major automotive engine builders in Europe and America, providing flexibility to vehicle and equipment owners

#### Specifications:

- API CF4/CF2/CF/SG
- ACEA E1-96#2
- ACEA E2-96#5
- MAN 270
- MB 228.0 / 228.1
- MTU Type 1



### PREMIUM TURBO PLUS (20W-50)

#### Application / Benefits

- FUSITO® Heavy Duty CF-4/SG series can deliver the user a range of benefits associated with the use of multigrade oils.
- FUSITO® Heavy Duty CF-4/SG series can be confidently used in many turbo-charged engines to provide protection and long engine life.
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- Major engine manufacturer acceptance - FUSITO® Heavy Duty CF-4/SG series meets the recommendation of many major automotive engine builders in Europe and America, providing flexibility to vehicle and equipment owners

#### Specifications:

- API CF4/CF2/CF/SG
- ACEA E1-96#2
- ACEA E2-96#5
- MAN 270
- MB 228.0 / 228.1
- MTU Type 1







# TF & GO

TRANSMISSION FLUID  
& GEAR OIL



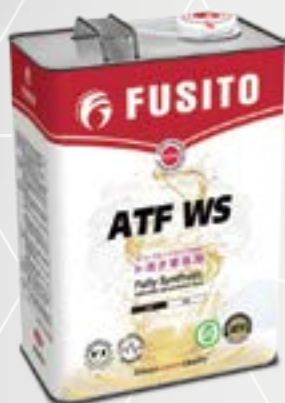


## AUTOMATIC TRANSMISSION FLUID ATF



### ATF WS/MULTI-VEHICLE

#### Application / Benefits



Synthetic low viscosity ATF, designed specifically for TOYOTA cars, equipped with latest generation AISIN-WARNER automatic transmissions. The global tendency (the index WS means World Standard) is lowering viscosity of modern automatic transmissions to reduce inner resistance losses, thus decreasing fuel consumption. This is why the viscosity grade of Toyota ATF ws is lower than the viscosity of previous TOYOTA specifications requirements, constituting less than 6 cSt in operating condition. The product provides full protection of all parts and reliable performance of automatic transmission in high loads. The extended service life of this fluid is sometimes referred to as "life-long".

#### Specifications:

- Aisin Warner JWS 3324(WS), AW-1
- Audi/VW G 055 540 (A2)
- BMW MINI 83 22 0 397 114/163 514
- Hyundai/Kia SP-IV
- Toyota ATF WS
- Contact for more detailed
- Mazda ATF FZ
- Mitsubishi Diaqueen ATF PA
- Nissan Matic fluid S
- Honda DW-1
- VW G 060 162 (ZF Lifeguardfluid 8)

### ATF DEXRON III/ DEXRON VI

#### Application / Benefits



Automatic Transmission Fluid FUSITO ATF Dex- III is specially designed in accordance with the revised requirements of GM DEXRON®-III (H) specification for four and five speed automatic transmissions. FUSITO ATF Dex-III is manufactured using specially treated Group III base stocks with high viscosity index and an additive package, which provides protection against wear and optimal friction performance for smooth gear shifts.

Increased stability to physical deterioration and outstanding stability to oxidation allow the retention of initial performance in extended service intervals

#### Specifications:

- General Motors DEXRON®- III (H), III (G), III spec.<sup>1</sup>
- Ford MERCON®<sup>2</sup>
- 2006 and newer GM vehicles

<sup>1</sup> For General Motors transmissions of 2006 and later a DEXRON®-VI type ATF is typically required.

<sup>2</sup> For Ford transmissions after 1996 a MERCON®V type ATF may be required.

## SIGNATURE GEAR OIL



### SUPER HYPOID GEAR 80W-90 (GL-5)

#### Application / Benefits

FUSITO Hypoid 80W-90 GL-5 is an all season mineral gear oil for use in automotive, construction and agricultural applications, operating in under extreme loads. The product is formulated using specially selected Group I base oils with good lubricating characteristics; while the sulfur phosphorus EP additives, antifoam additives and corrosion inhibitors provide effective protection of gear teeth. FUSITO Hypoid 80W-90 GL-5 has excellent compatibility with seal and gasket materials used in transmission systems, and exceeds the requirements of the API GL-5 service category.

#### Specifications:

- API GL-5
- EP type ( Extreme pressure)
- SAE J2360
- MAN 342 N
- ZFTE -ML05A/07A/12E
- ZFTE-ML16B/16C/16D
- ZFTE-ML16B/17B/19B/21A



### SUPER HYPOID GEAR 85W-140 (GL-5)

#### Application / Benefits

FUSITO Hypoid 85W-140 GL-5 is an all season mineral gear oil for use in automotive, construction and agricultural applications, operating in under extreme loads. The product is formulated using specially selected Group I base oils with good lubricating characteristics; while the sulfur phosphorus EP additives, antifoam additives and corrosion inhibitors provide effective protection of gear teeth. FUSITO Hypoid 85W-140 GL-5 has excellent compatibility with seal and gasket materials used in transmission systems, and exceeds the requirements of the API GL-5 service category.

#### Specifications:

- API GL-5
- EP type ( Extreme pressure)
- SAE J2360
- MAN 342 typ M2
- ZFTE -ML05A/07A/12E
- ZFTE-ML16B/16C/16D
- ZFTE-ML17B/19B/21A







# IO

INDUSTRIAL OIL





## INDUSTRIAL OIL PREMIUM HYDRAULIC

### FUSITO Premium Hydraulic HVI ISO VG 15, 22, 32, 46, 68, 100, 150, 220

#### Application / Benefits

Premium NRO 15, 22, 32, 46, 68, 100, 150, 220 are high quality hydraulic oils, designed to provide high level of protection for vane, piston and gear pumps of hydraulic systems and deliver long service life under high pressure. The additives package contains zinc based anti-wear components that provide resistance to extremely high pressure, effective corrosion and oxidation inhibitors, as well as anti-foaming agents. Premium NRO oils are made using highly refined mineral base oils with excellent hydrolytic stability and fast water separation.

#### Specification:

- (ISO VG) 15, 22, 32, 46, 68, 100, 150, 220
- DIN 51524, Part 2 (HLP);
- AIST 126 (US Steel); AIST 127 (US Steel);
- Bosch Rexroth 90220;
- Eaton-Vickers M-2950-S
- Eaton I-286-S3 (Industrial equipment)
- JCMAS P041 HK Hydraulic Specification
- ANSI/AGMA 9005-EO2-RO
- SAE MS1004(HM)
- Parker Hannifin (Denison) HF-0/HF-1/HF-2
- Parker Hannifin (Denison) T6H2OC
- Cincinnati Machine P-68(ISO 32) P-69 (ISO 68), P-70 (ISO 46)
- SEB 181222(meeting with FZG12)
- ISO 11158(HM)
- ASTM D6158(HM)
- GENERAL MOTORS LS 2



### FUSITO Premium Hydraulic HVI-Z ISO VG 15, 22, 32, 46, 68, 100, 150, 220

#### Application / Benefits

High quality premium hydraulic oils, designed to provide maximum protection for vane, piston and gear pumps, operating in wide temperature and pressure range. A special additive package contains antiwear zinc-based agents that offer resistance to extremely high pressure, effective oxidation and corrosion inhibitors and antifoaming agents. Mineral base oils with high viscosity index have outstanding hydrolytic stability and fast water separation. When establishing maintenance according to the advanced standards maximum oil drain intervals in equipment are possible.

#### Specification:

- (ISO VG) 15, 22, 32, 46, 68, 100, 150, 220
- DIN 51524, Part 2 (HLP);
- AIST 126 (US Steel); AIST 127 (US Steel);
- Bosch Rexroth 90220;
- Eaton-Vickers M-2950-S
- Eaton I-286-S3 (Industrial equipment)
- JCMAS P041 HK Hydraulic Specification
- ANSI/AGMA 9005-EO2-RO
- SAE MS1004(HM)
- Parker Hannifin (Denison) HF-0/HF-1/HF-2
- Parker Hannifin (Denison) T6H2OC
- Cincinnati Machine P-68(ISO 32) P-69 (ISO 68), P-70 (ISO 46)
- SEB 181222(meeting with FZG12)
- ISO 11158(HM)
- ASTM D6158(HM)
- GENERAL MOTORS LS 2





# MCO

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## MOTORCYCLE OIL







### SUPER RACING SPORT - (5W-40 MA2)



Sport 4T 5W-40 is a 100% synthetic engine oil for modern four cycle gasoline engines of sport bikes, all-terrain vehicles, and snowmobiles. The product meets the requirements of "Low SAPS" oils with low level of sulphated ash, phosphorous and sulphur. High stability to mechanical deterioration and outstanding oxidative stability provide extended performance of oil in high operating temperatures and under heavy loads. Additional friction modifiers contribute to smooth and effective work of friction clutch couplings in general oil sump.

#### Specification

- API SN
- JASO MA 2



### SUPER SCOOTER SPORT - (5W-40 MB)



Sport 4T Scooter 5W-40 is a 100% synthetic engine oil used for scooters and maxi scooters, equipped with modern 4 cycle gasoline engines with dry disc clutch or automatic transmission, where JASO MB approved oil with SAE 5W-40 viscosity grade is required. Sport 4T Scooter 5W-40 has excellent HTHS stability and outstanding oxidation stability, thus providing reliable and effective protection of engine parts under high loads and high operating temperatures. Low volatility minimizes oil burnout. Detergent and disperse additives provide cleanliness of parts and extended engine durability. Sport 4T Scooter 5W-40 prevents high temperature deposit buildup in combustion chamber and pistons.

#### Specification

- API SN
- JASO MB



### RACING PLATINUM - SYNTHETIC BLEND (15W-40 MA2)



Fusito 15W-40 is a high quality mineral engine oil for modern four cycle engines of sport bikes, all terrain vehicles, motorcycles and other two-wheel motor applications with air or liquid cooling. The product is manufactured using highly refined mineral base stocks, a premium additives package, and additional friction modifiers to provide smooth and noiseless clutch friction performance in general oil sump. Racing Platinum 4T 15W-40 possesses outstanding oxidation stability and increased high shear stability, which provide reliable and effective performance of engine parts under extreme loads. Highly effective detergents and dispersants maintain engine cleanliness and prevents the buildup of high temperature deposits on spark plugs in the combustion chamber and valves.

#### Specification

- API SN
- JASO MA 2



### MAXSPEED SCOOTER - SYNTHETIC BLEND(10W-40 MB)



FUSITO Racing Platinum 10W-40 is a high quality engine oil for four-stroke scooters and maxi scooters, with requirements of SAE 10W-40 (JASO MB) engine oil. The product is formulated using highly refined mineral base oils and a unique anti-wear additives package. The product possesses good high temperature high shear stability and outstanding oxidation stability, thus providing reliable and effective protection of engines under extreme loads and temperatures. Low volatility of the lubricant decreases oil burnout, whilst effective detergent and dispersant additives maintain engine cleanliness. Max Speed 10W-40 is resistant to ageing and viscosity fluctuations, that are prominent in the case of incomplete combustion.

#### Specification

- API SN
- JASO MB







## OTHER PRODUCTS

### GREASES

- Star Grease EP-2
- Moly Grease EP-2
- Lithium Grease EP-2



### COOLANT/ANTIFREEZE

- COOLANTS -50°C
- RED/GREEN
- JIS K2234
- ASTM D3306



### FILTER



#### Filter

- Oil filter
- Air filter
- Fuel filter
- Air-conditioning filter

### BATTERY



#### Battery

- Motorcycle battery
- Car battery
- Civil battery

### CLEARVIEW



#### Clearview

ClearView is a car windshield washer fluid. The product effectively removes dirt, oil film and insects from windshield, does not leave stains and does not alter optic characteristics of glass.

### TRANSMISSION KIT SET



Front sprocket, Rear sprocket, and Chain

### BRAKE SHOE



FUSITO has brakeshoe for both Front and Rear (Disc brake and Drum brake) Our FUSITO brakeshoe brand has special characteristics superior than competitors

### BRAKE PAD



FUSITO has brakepad for both Front and Rear for motorcycle. Our FUSITO brake pad brand has special characteristics superior than competitors

## Our Supply Network



# FUSITO



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[www.fusito-japan.com](http://www.fusito-japan.com)

The company reserves the right to change product specifications describe in this document without prior notice.

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# FUSITO

*Japanese Engine Consumables*