

DIESEL GRAND DX 0W-30

Fuel-saving diesel engine oil for DPF-equipped vehicles (JASO DH-2F)

With growing demand for energy conservation and environmental protection, including the reduction of carbon dioxide emissions, the need for fuel-efficient oils for diesel engines used in heavy-duty vehicles is increasing.

Diesel Grand DX 0W-30 is a low-viscosity 0W-30 multigrade oil, developed as the first product of its kind for heavy-duty vehicles by combining our proprietary high-performance synthetic base oils with carefully selected additive-blending technology.

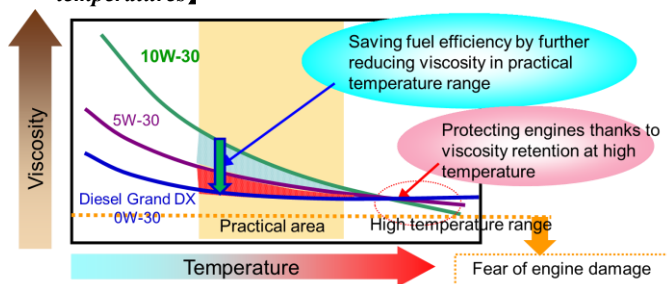
In addition to improving fuel economy, it provides excellent detergency and anti-wear performance without impairing the performance of exhaust gas after-treatment devices such as DPFs, making it a diesel engine oil that is friendly to both the engine and the environment.

● Special Features

1. Excellent fuel economy performance

Although **Diesel Grand DX 0W-30** is a 0W-30 oil, it provides oil film retention at high temperatures equal to or better than that of 10W-30 oil, thanks to its high-performance synthetic base oils with a high viscosity index. At the same time, it maintains low viscosity in the practical temperature range. These excellent viscosity-temperature characteristics reduce oil churning resistance during operation and deliver superior fuel economy performance compared with conventional engine oils.

【Ultra-high viscosity index enables low viscosity at practical temperatures and high engine reliability at high temperatures】



2. Certification of JASO M 355: 2024 "DH-2F" standard

Diesel Grand DX 0W-30 has obtained the "JASO DH-2F" certification, the fuel-economy category specified in JASO M355:2024.

In the JASO M362 fuel economy test, **Diesel Grand DX 0W-30** significantly exceeded the qualifying standard.

3. Reduced load on exhaust gas after-treatment systems

The high-performance synthetic base oils used in **Diesel Grand DX 0W-30** contain no sulfur, which is a catalyst poison for NOx storage-reduction catalysts. Therefore, by minimizing the sulfur content in the oil, the service life of exhaust gas after-treatment catalysts can be extended.

4. Extended oil drain intervals

Diesel Grand DX 0W-30 offers improved oxidation stability through the use of our proprietary high-performance synthetic base oils, enabling longer service life than conventional oils. In addition, increases in viscosity caused by soot are suppressed by highly dispersant additives.

5. Extended engine life

Diesel Grand DX 0W-30 helps extend engine life through its excellent anti-wear performance and engine cleanliness. It reduces wear on various engine parts and prevents the formation of carbon deposits and sludge.

● Applications

For heavy-duty trucks, buses and other diesel engines, especially for DPF-equipped vehicles

● Containers

200-liter drum and 20-liter can

● Typical Properties of Diesel Grand DX 0W-30

JASO API SAE Viscosity Grade			DH-2F CF-4 equivalent 0W-30
Color	(ASTM)		L3.5
Density	(15°C)	g/cm ³	0.842
Kinematic viscosity	(40°C)	mm ² /s	35.8
Kinematic viscosity	(100°C)	mm ² /s	9.77
Viscosity Index			275
Flash Point	(COC)	°C	230
Pour Point		°C	≤ -45.0
NOACK Evaporation Loss	(250°C, 1h)	mass%	12.3
Acid Number		mgKOH/g	1.6
Base Number	(ASTM D4739)	mgKOH/g	7.0
Sulfated Ash		mass%	1.0
Phosphorus		mass%	0.08
Sulfur		mass%	0.2

Note: The typical properties may be changed without notice. (July 2026)

● Handling Precautions

- **For the handling of this product:** Please read the Safety Data Sheet (SDS) for this oil and the handling precautions listed on the product container carefully before use.
- **Regarding obtaining the SDS:** Please note that Safety Data Sheets (SDS) should be obtained via commercial channels and cannot be provided by the ENEOS Customer Center.
- The properties and performance listed are based on measurements and insights from our testing methods and do not guarantee accuracy or completeness. The typical properties may be changed without notice.