

# DIESEL DH-2/CF-4

## DH-2/CF-4 Diesel Engine Oils for Diesel Engines Equipped with DPF

**DIESEL DH-2/CF-4** meets JASO DH-2 standards for automotive diesel engines equipped with particulate matter reduction device such as DPF (Diesel Particulate Filter) and exhaust gas after-treatment device such as catalytic converter. **DIESEL DH-2/CF-4** also satisfies API CF-4 class performance regardless of its low ash content. **DIESEL DH-2/CF-4** is a high-performance multi-grade oil that can be used for diesel vehicles with or without DPF (except for passenger cars).

### ● Special Features

#### 1. Suitable for Large Vehicles Equipped with DPF

**DIESEL DH-2/CF-4** meets JASO (Japanese Automotive Standards Organization) DH-2 which is the standard of diesel engine oil for the vehicle equipped with the exhaust-gas aftertreatment device such as DPF. It suppresses clogging of DPF by setting sulfated ash content (metal content in oil) to 1% by mass. It also reduces phosphorus content and sulfur content in oil, improving compatibility with exhaust gas catalysts.

#### 2. Improve fuel economy

Since **DIESEL DH-2/CF-4** is multi-grade oil, fuel economy is better compared to single grade oil. Also, less filter clogging of the DPF prevents the rise in back pressure and maintains proper combustion state. **DIESEL DH-2/CF-4** formulated with high-performance dispersant suppresses viscosity increase due to soot contained in oil. This also keeps good fuel economy.

#### 3. Extension of the Engine Life

**DIESEL DH-2/CF-4** can extend the engine life thanks to its excellent detergency and anti-wear property, which can prevent the adhesion of the carbon sludge and the wear of engine parts.

### ● Applications

**DIESEL DH-2/CF-4** is suitable for use in diesel engines of large trucks & buses (especially vehicles equipped with DPF).

### ● Containers

200-liter drum, 20-liter pail can

### ● Typical properties of DIESEL DH-2/CF-4

JASO standard Equivalent to API grade SAE grade	DH-2 CF-4 class 10W-30	DH-2 CF-4 class 15W-40
Color(ASTM)	L2.5	L3.0
Density, g/cm <sup>3</sup>	0.876	0.884
Kinematic viscosity(40 °C), mm <sup>2</sup> /s	68.3	110
(100 °C), mm <sup>2</sup> /s	10.5	14.4
Viscosity index	141	133
Flash point (COC), °C	234	234
Pour point, °C	-37.5	-35.0
Acid number, mgKOH/g	1.0	1.7
Base number (HCl method), mgKOH/g	7.3	6.9
Sulfated ash, mass%	1.0	1.0

Note: the typical properties are subject to change without notice.  
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## ● 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.