

DESCRIPTION

To protect the environment, engines and oils used in diesel vehicles are being modified in order to reduce emissions. In response to increasingly strict exhaust restrictions, diesel engine vehicles are equipped with Exhaust Gas Recirculation (EGR) systems, which expose the engine oils to increasingly severe operating requirements. Today, diesel engine requires low oil consumption (to reduce the amount of particulate matter), longer-life (to reduce oil change frequency), improved mileage (to increase the usage efficiency of fuels and reduce carbon dioxide emissions) and protect exhaust-gas treatment equipment, especially exhaust catalyst. ENEOS Diesel Oil CI-4 is specially formulated to meet all of these requirements.

ADVANTAGES

- ✓ **Compatible with Engines Equipped with EGR for Reducing Nitrogen Oxides (NO_x)**
 - ENEOS Diesel Oil CI-4 inhibits the viscosity increases which can be caused by soot accumulating in the oil when EGR systems are used. Since ENEOS Diesel Oil CI-4 is blended with high-viscosity index base oil, it has very low evaporation loss, the exhaust contains less Soluble Organic Friction (SOF), which originates in the engine oil and is one component of harmful particulate matter.
- ✓ **Longer Oil and Engine Life**
 - ENEOS Diesel Oil CI-4 uses optimised additives which have significantly improved thermal stability, oxidative stability, soot dispersion, outstanding anti-wear and detergent-dispersant performance, resulting in longer oil and engine life.
- ✓ **Reduced Oil Consumption**
 - Due to excellent base oils, evaporation loss is very low even under high-temperature conditions. Consequently, only minimum amount of engine oil is required for top-up.

PERFORMANCE LEVEL

CI-4/SL
JASO DH-1-05

APPLICABLE VEHICLES

Recommended for large and small diesel engine trucks, buses, construction machinery, etc

CONTAINER SIZE

7 Litre

18 Litre

209 Litre

TYPICAL CHARACTERISTICS

SAE Grade		15W-40	20W-50
API Performance Grade		CI-4/SL	CI-4/SL
JASO Performance Grade		DH-1-05	DH-1-05
Density (15°C) g/cm ³	ASTM D 4052	0.8805	0.8855
Viscosity mm ² /s (40°C)	ASTM D 445	106.1	165.1
	ASTM D 445	14.12	18.11
Viscosity Index	ASTM D 2270	135	122
Flash Point °C	ASTM D 92	240	240
Pour Point °C	ASTM D 97	-39	-36
Base Number	ASTM D 4684	10.1	9.76

Note: Typical characteristics are subject to change without notice (May, 2017)

Safety Precaution:

- Avoid prolonged and repeated skin contact with used oils
- In case of physical contact, wash immediately with soap and water
- Protect the environment by disposing off used oils as per local regulations