

## Lubricant Product Information

# Idemitsu Diesel CI-4/DH-1 15W-40

### Description

**Idemitsu Diesel CI-4/DH-1 15W-40** is a high performance, multi grade and mineral based engine oil specially formulated for mixed fleets of diesel engines requiring API CI-4, CH-4/SL, SJ and JASO DH-1. It's designed for modern diesel engines operating under severe conditions and heavy loads with superb cold start protection. Therefore, reduces engine wear & tear significantly. The special additives added contribute to a significant reduction in engine noise.

### Application

Recommended for mixed fleets of gasoline and diesel engines, engine that coupled with EGR system and common rail system for commercial road transport, off road vehicles, machinery and generators.

### Characteristics

1. Provide excellent engine cleanliness in all service conditions.
2. Excellent oxidation stability to prolong engine oil life.
3. Excellent high shear high temperature stability.
4. Excellent protection against wear at start up.

### Meets the performance level:

API CI-4, CH-4/SL, SJ	JASO DH-1	ACEA E7-08	Mack EO-
M+ MB 228.2/3	MTU Type 2	MAN M3275	Renault RLD-2
Volvo VDS-3	Cummins CES 20076/77/78		

### Packing

6 x 5 Litres & 4 x 7 Litres Carton, 20 Litres Pail & 200 Litres Drum

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.

## Lubricant Product Information

### Typical Specifications

### Idemitsu Diesel CI-4/DH-1 15W-40

	ASTM	
	METHOD	
SAE Viscosity grade		15W-40
Color (Appearance)	D-1500	L4.5 (Dark Brown/Opaque)
Density 15 °C g/cm <sup>3</sup>	D-4052	0.8803
Flash Point (COC) °C	D-92	234
Viscosity, cSt @ 40 °C	D-445	110.1
@ 100 °C	D-445	14.42
Pour Point °C	D-97	-42.5
Viscosity Index	D-2270	134
TBN, HClO <sub>4</sub> (mgKOH/g)	D-2896	12.1
Foaming @ 93.5°C (ml)	D-892	0-0

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.