

Hanasaki Synthetic Diesel EXTRA 10W-40

Premium Performance Diesel Engine Oil

Product Description

Hanasaki Diesel EXTRA 10W-40 is a flagship premium quality diesel engine oil that provides ultimate long-drain performance for today's modern diesel engines that demands the highest quality lubricant. The product is formulated using superior quality additive technology and full synthetic base oils. This super high-quality product has a perfect track-record of servicing the most severe diesel engine operation in the field.

Hanasaki Diesel EXTRA 10W-40 provides users with the following benefits:

- 1) Ultimate deposit, sludge and soot control ensuring engine runs problem-free even in the most severe operating conditions
- 2) Excellent thermal and oxidation stability
- 3) Outstanding TBN retention and viscosity control in extended drain services
- 4) Exceptional protection against engine wear and corrosion
- 5) Outstanding low temperature properties
- 6) Good compatibility with engine parts (gasket and seal)

Performance Standards

API CI-4/SL, ACEA E4/E7-12, MB p228.5, MTU Type 3, MAN 3477, Volvo VDS-3, Cummins CES 20077/20078, Mack EO-M Plus, Caterpillar ECF-2, Scania LDF-3

Typical Properties

SAE Grade	10W-40
Viscosity @ 40°C (ASTM D445) , cst	87
Viscosity @ 100°C (ASTM D445) , cst	13.8
Viscosity Index (ASTM 2270)	163
Total Base Number (ASTM D2896) , mgKOH/g	16
Pour Point (ASTM D97) , °C	-33
Flash Point (ASTM D92) , °C	220
Density @ 15°C (ASTM D4052) , kg/l	0.844

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended applications and the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS is available upon request through your sales contact at Hanasaki. This product should not be used for purposes other than its intended use. When disposing of used product, please take care to protect the environment.