



Cenex[®] HD



Heavy Duty Diesel Engine Oil

General Description

Cenex[®] HD is a heavy-duty diesel engine oil designed to meet the newest most stringent API diesel engine service category and specifications for newer diesel engines with advanced emission control systems. The outstanding TBN retention formulation gives excellent oxidation control and will provide engine protection in severe service conditions for both new and older diesel engines.

Cenex HD diesel engine oil is formulated with high quality, high viscosity index base stocks, a proven additive system with the proper balance of metallic detergents and dispersants, multipurpose inhibitors and a shear stable viscosity improver. Cenex HD protects diesel particulate filter (DPF) emission systems against ash and particle buildup. In addition, it provides improved engine protection from oxidation, soot, deposits, wear, acids, viscosity loss and oil consumption.

Features and Benefits

- Meets or exceeds API -CK-4 and previous API standards.
- Good cold flow properties provide faster lubrication during cold starts.
- Specifically designed to protect emission components.
- Excellent deposit control minimizes oil consumption.
- Prevents wear by providing stable viscosity at high-temperature, high-load conditions.
- Improved oxidation control and wear protection throughout the oil drain interval.

Typical Applications

- Four-stroke naturally aspirated and turbocharged diesel engines.
- Newer low emission engines with exhaust aftertreatment devices.
- Engines specifying older API oil performance categorie

Typical Properties

SAE Viscosity Grade	10W-30	15W-40
API Service	CK-4, CJ-4, CI-4 Plus, CI-4,	CK-4, CJ-4, CI-4 Plus, CI-4,
Viscosity, @ 100°C, cSt	12.0	15.5
Viscosity @ 40°C, cSt	81	118
Viscosity Index	142	140
MRV-TP1 @ -30°C	21,800	
MRV-TP1 @ -25°C		22,000
CCS, cP @ -25°C	6,300	
CCS, cP @ -20°C		6,000
TBN (D 2896)	10	10
Pour Point, °F	-30	-25

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8087 or visit cenex.com/sds-library.