

Product Data Sheet

HIPRO HXT SAE 15W-40, 20W-50 API CI-4

Premium Heavy Duty Multigrade Diesel Engine Oil

PRODUCT FEATURES

HIPRO HXT is a diesel engine lubricants formulated by highly refined base stocks and advanced technology additive system, designed for use in diesel engines used in trucks, fleets, mining, earth moving equipment, construction, quarrying, agricultural industrial, farm equipment as well as marine application. It has been developed to meet critical North America and European OEM specifications as well as API CI-4, ACEA E7/E5/E3 and Global DHD-1 specification. It can be used in gasoline engines requiring API SL service category.

APPLICATIONS

- Recommend for use in high performance diesel applications including the latest turbo-charged, low emission engine designs including those featuring EGR technology.
- On highway applications operating in high speed/ high load and short haul pick-up or delivery.
- Suitable for used in naturally aspirated 4-stroke marine diesel engines (e.g. Mitsubishi, Isuzu, etc) and heavy duty engines (e.g. bull-dozers, tractors, fishing boats, etc).
- On highway heavy duty trucking and off highway including: construction, mining, quarrying, and agriculture.

SPECIAL PROPERTIES

- Excellent oxidation stability and strong resistance to high and low temperature sludge formation
- Cleans engine by strong detergent-dispersant additives
- Protects engine against wear, corrosion and rust
- Reduces wear, reduces maintenance cost
- Stay in grade shear stability
- Extended drain intervals
- Reduced oil consumption and emissions
- Minimizes piston and combustion chamber deposits

PERFORMANCE LEVELS

- API CI-4/CH-4/CG-4/CF-4/CE/SL
- ACEA E3-96#4/ E5-02 /E7-04
- Global DHD-1 Demo
- MB p 228.3
- MAN M3275

CAUTION: Continuous contact with used oil has caused skin cancer in lab animals. Avoid prolonged skin contact. Avoid eye contact. Wash skin thoroughly with soap and water after handling. Flush eyes with water for 15 minutes in case of contact. If swallowed, do not induce vomiting. Contact a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**

- MTU Type II
- Volvo VDS-2, VDS-3
- Cummins 20071/6/8
- Cummins 20072/7
- Mack EO-M, EO-M Plus
- JASO DH-1 (Quality)

TYPICAL SPECIFICATION

PROPERTY	UNIT	TEST METHOD	SAE 15W-40	SAE 20W-50
			SPECIFICATION	
Density@15 deg C	kg/l	ASTM D4052	0.8817	0.8883
Viscosity at 40 deg C	cSt	ASTM D445	110	160
Viscosity at 100 deg C	cSt	ASTM D445	14 - 15	17.5 – 19.5
Viscosity Index		ASTM D 2270	130	120
Flash Point COC	deg C	ASTM D 92	Min 220	Min 220
Pour Point	deg C	ASTM D 97	-18	-18
Total Base Number	mgKOH/g	ASTM D 2896	9.70	9.70

* The above specifications are typical of current production, variation in these characteristics may occur, but will not affect the product performance.

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