

Product Data Sheet

HIPRO X2000 Platinum SAE 10W-40 (LOW SAPS)

Synthetic Heavy Duty Diesel Engine Oil

PRODUCT FEATURES

HIPRO X2000 Platinum is fully synthetic formulation heavy duty diesel engine oil designed with “**Low SAPS**” latest additive technology to provide lubrication to modern, high performance, low emission engine use in severe application. It has been developed to meet critical North America and European OEM requirements of ACEA E6, E7 and MB-Approval 228.51. Its helps control blockage of exhaust filters and traps, maintenance saving long drain capability, exceptional wear and cleanliness performance.

X2000 Platinum meets the latest requirements of OEMs for Euro 4, 5, 6 and exceeds the industry specifications such as ACEA E6 and API CJ-4.

APPLICATIONS

Suit for a wide range of trucking and transportation application in modern low-emission vehicles from Mercedes-Benz, MAN, DAF, Volvo and others. Especially suitable for fleet with mixed Euro 2, 3, 4, 5, and 6 engine types.

SPECIAL PROPERTIES

- ◆ Fuel economy – save money in fuel consumption compared to High Viscosity Grades.
- ◆ Cleans engine by strong detergent-dispersant additives
- ◆ Protects engine against wear, corrosion and rust
- ◆ Reduces wear, reduces maintenance cost
- ◆ Easier engine start-up and reduced wear
- ◆ Longer life of critical wear surfaces
- ◆ Extended drain intervals
- ◆ Minimizes piston and combustion chamber deposits

PERFORMANCE LEVELS

- | | |
|------------------------------|--------------------------------|
| u API CJ-4 | u Cummins CES20081 |
| u ACEA E4/ E6, E7/ E9-12 | u Renault RLD-2 & RLD-3 |
| u Scania LDF-3 | u Deutz DQC IV-10 LA |
| u MB Approval 228.51, 228.31 | u Caterpillar ECF-3 |
| u MAN M 3477, M3575, M3271-1 | u Detroit Diesel 93K218 |
| u MTU Category 3.1 or 2.1 | u Mack EO-O, EO-N Premium Plus |
| u Volvo VDS-4 | |

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.**

TYPICAL SPECIFICATION

PROPERTY	UNIT	TEST METHOD	SAE 10W-40
			SPECIFICATION
Density at 15 deg C	Kg/l	ASTM D4052	0.855
Viscosity at 40 deg C	cSt	ASTM D445	82
Viscosity at 100 deg C	cSt	ASTM D445	12.50 – 13.50
Viscosity Index		ASTM D 2270	Min 150
Flash Point COC	deg C	ASTM D 92	Min 220
Pour Point	deg C	ASTM D 97	-36
Total Base Number	mgKOH/g	ASTM D 2896	13.00

** 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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