



DESCRIPTION

Petrogulf PRIME X Zenith is synthetic base, heavy-duty high-speed diesel engine oil that provides outstanding lubrication of latest generation diesel engine, promoting extended long drain capability and excellent low temperature performance. This product meets or exceeds the specification of all major European and American engine manufacturers. This oil is recommended for use in naturally aspirated and turbo-charged Diesel-Powered equipment from leading Japanese, European, Korean and American Manufacturers, mixed fleets, On & off highway light and heavy-duty trucking & industries including construction, mining, quarrying, and agriculture equipment.

KEY FEATURES & BENEFITS

- Excellent high/low temperature control
- Exceptional Thermal and Oxidation Stability ensures trouble-free operation
- Stay in grade shear stability provides wear protection and viscosity control
- Excellent cold temperature flow for start -up in extreme cold
- Advanced detergents & dispersants lead to cleaner engines and longer component life
- Enhanced engine protection against wear
- Compatible to SCR / DPF / EGR Systems

PERFORMANCE LEVELS

- API FA-4/SN
- ACEA E7/E9
- MB 228.61
- VOLVO VDS-4.5
- Renault RLD-4.5
- MACK EOS-4.5
- Caterpillar ECF-3
- JASO DH 2
- Cummins CES20087/86
- Detroit Diesel DFS 93K223

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES	
	5W-30	5W-40
SAE Grade	5W-30	5W-40
Kinematic Viscosity @40°C, mm ² /s	63.2	84.5
Kinematic Viscosity @100°C, mm ² /s	11.4	14.5
Viscosity Index	177	179
Density, @ 15°C Kg/L	0.858	0.864
Pour Point °C	-42	-42
Flash Point, (COC), °C	228	230
CCS Viscosity, CP	5510	5620
CCS temp °C	-30	-30
TBN, mg KOH/g	10.0	10.0
Sulphated Ash, %w/w	1.07	1.07

**These characteristics are typical of current production. Whilst future production will conform to Petrogulf specification, variations in these Characteristics may occur. The oil drain interval as specified by the engine manufacturer should be adhered to, particularly where indirect fuel Injection is used.*

SAE GRADE	5W-30	5W-40
PRODUCT CODE	30203090023	30203090024

Handling, Health and Safety

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- PetroGulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from PetroGulf local office.