

PETROGULF POWER X SAPPHIRE DIESEL ENGINE OIL

Product Data Sheet

PetroGulf Power X Sapphire Diesel Engine Oil is mineral base, extra high performance diesel engine oil that provides excellent lubrication of today's diesel engine, promoting extended engine life. 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 and American Manufacturers, mixed fleets, On & off highway light and heavy duty trucking & industries including construction, mining, quarrying, and agriculture equipment.

FEATURES

- Exceptional Thermal and Oxidation Stability ensures trouble-free operation.
- Reduced maintenance costs due to minimized engine overhaul periods
- Stay in grade shear stability provides wear protection and viscosity control
- Maintains excellent control of oil consumption
- Advanced detergents & dispersants lead to cleaner engines and longer component life.
- Enhanced protection against wear.

PERFORMANCE LEVELS

- API CI-4/CH-4/CG-4/CF-4/SL/SJ
- ACEA A3-02
- ACEA B3-98 Issue 2
- MB 228.3/229.1
- VOLVO VDS-3
- RVI RLD
- ACEA E5-02
- ACEA B4-02
- MAN 3275
- MACK EO-M plus
- Caterpillar ECF-1
- ACEA E3-96 Issue 4
- Global DHD-1
- MTU TYPE 2
- ZF TE-ML 07C
- Cummins CES 20078/77/76/72/7

TYPICAL CHARACTERISTICS

PetroGulf Power X Sapphire Diesel Engine Oil		
SAE Grade	15W40	10W30
Specific Gravity @ 15°C	0.886	0.880
Flash Point (COC) °C	>210	>200
Kinematic Viscosity		
cSt @ 40°C	112.5	72.5
cSt @ 100°C	14.5-15.5	11-12
Viscosity Index	>135	>145
Sulphated Ash, wt %	1.25	1.25
Total Base Number, mg KOH/gm	11.0	11.0
Pour Point, °C	> -26	-30

These characteristics are typical of current production. Whilst future production will conform to PetroGulf's specification, variations in these characteristics may occur.

HANDLING, HEALTH, & SAFETY

Lubricant consisting of high refined mineral oils with specific additives, under normal conditions of use, presents no particular toxic hazards. 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 used oil correctly; don't pour down drains, into watercourses or the soil.

Advice on application not covered in this datasheet can be obtained from your PetroGulf representative.

