



Product Information

DIESEL FX

Codes: DFX005, DFX020, DFX205

Issue: March 2010

Penrite Diesel FX is a SAE 15W-40 mid ash diesel engine oil formulated with high quality additives and mineral oils.

Penrite Diesel FX exceeds the requirements of API CI-4/SL and ACEA E-7.

APPLICATION

Penrite Diesel FX is designed specifically for use in four stroke heavy duty diesel engines. It can be used in both turbocharged and naturally aspirated engines.

While primarily for US engines, it is also has strong European performance credentials, making it suitable for use in mixed fleets

Engines requiring the latest oil performance specifications should use Penrite Diesel LA, Diesel GS or Diesel SP. Those with oil consumption

problems (non EPA 04 engines) should use Penrite USA 25, Euro 25 or Japan 25 engine oils.

CUSTOMER BENEFITS

- Excellent protection of engine parts.
- Resists oil thickening.
- Shear stable viscosity modifier maintains oil viscosity in service.
- Low ash formulation reduces combustion chamber deposits
- Can be used in mixed fleets, reducing chance of misapplication.

INDUSTRY SPECIFICATIONS

Penrite Diesel FX exceeds the requirements of:

API CI-4/SL
Cummins 20071/20072/20076/20077
Volvo VDS 3
MB 228.3/229.1

ACEA E-7
Mack EO-M Plus
MAN 3275

Typical Properties

Density at 15°C, kg/L	0.872
Viscosity, Kinematic, cSt	
at 40°C	112
at 100°C	14.8
Viscosity Index	136
Viscosity, Cold Cranking, cP @ -20 °C	5,567
Phosphorus, mass %	0.110
Zinc, mass %	0.122
Sulphated Ash, Mass %	1.22

Environment, Health and Safety

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.
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