



PENRITE

DIESEL FX

Premium Mineral 15W-40 Engine Oil

Issue: May 2016

Product Code	Pack Size	Carton Qty
DFX001	1 Litre	6
DFX005	5 Litre	4
DFX006	6 Litre	3
DFX010	10 Litre	1
DFX020	20 Litre	1
DFX060	60 Litre	1
DFX205	205 Litre	1
DFX1000LTR	1000 Litre	1



Description

Diesel FX is a premium mineral, SAE 15W-40, FULL ZINC, mid ash, diesel engine oil made from pure hydrocracked base oils and an advanced anti-wear additive system for complete engine protection. It exceeds the requirements of API CI-4 PLUS/SL and ACEA A3/B3/E7.

Application

Diesel FX is designed for use in 4, 6 & 8+ cylinder multi cam, naturally aspirated, supercharged, turbocharged common rail & direct injection diesel engines.

Diesel FX is designed predominantly for use in four stroke heavy duty diesel engines. It can be used in both on and off-highway applications, high speed and some medium speed diesel engines used in marine environments as well as for generator sets and agricultural equipment.

Diesel FX is also ideal for use in mixed fleets on heavy duty vehicles where API CI-4 PLUS or lower and ACEA E7/E5 is specified by the manufacturer. The strong API and ACEA light duty (A3/B3) performance makes **Diesel FX** suitable for use in light duty petrol and diesel engines, including those from Europe. Not recommended for diesel vehicles fitted with a DPF (Diesel Particulate Filter).

*Engines requiring later oil performance specifications should use **Diesel HD** or **Enviro Plus 10W-40**. Those with oil consumption problems (non EPA-04 engines) should use **HPR Diesel SAE 20W-60**.*

Product Benefits

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

Industry Specifications

API CI-4 PLUS/SL	ACEA E7/A3/B3 (Europe)	Caterpillar ECF-1-a
MTU Type 2	Volvo VDS-3	JASO DH-1
Mack EO-N Premium Plus 03	Mercedes Benz 228.3/229.1	Renault RLD-2/RD-2
Global DHD-1	Allison C4	Deutz DQC-11-05
Cummins CES 20071/20072/20076/20077/20078		MAN 3275
MIL-PRF-2104H/NATO O-1236	China National GB 11122-2006	

Typical Data

Density at 15°C, kg/L	0.876
Viscosity, Kinematic, cSt	
at 40°C	125
at 100°C	14.9
Viscosity Index	123
Viscosity, Cold Cranking, cP @ -20 °C	5,687
Phosphorus, mass %	0.110
Zinc, mass %	0.122
Sulphated Ash, Mass %	1.34
Base Number, mg KOH/g	10.7

Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.



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