

Topline Xtra 50

Product Data Sheet

An Advanced, Heavy Duty 'Heavy' Diesel Engine Oil

Topline Xtra 50 is advanced world capable heavier viscosity diesel engine oil. Topline Xtra 50 is a premium diesel oil fortified to deliver greater oil viscosity at high temperatures. Its higher viscosity over conventional diesel oils is ideal for older series diesel engines with low oil pressure, oil consumption or burning.

Topline Xtra 50 has been formulated to meet the requirements of European, American and Japanese designed emission engines including those which incorporate Exhaust Gas Recycling (EGR) to provide fuel efficiency, high wear protection and long drain capability can add to deposits forming in the combustion chamber and therefore Topline Xtra 50's low sulphated ash level assists in maintaining engine and injector cleanliness.

Summary of Benefits:

- Designed for a wide range of engines including Cummins, Caterpillar, Mack, MAN, and Detroit Diesel 60 Series.
- Provides excellent corrosion and wear protection throughout the recommended oil drain period.
- Excellent shear and oxidation stability ensure adequate oil life.

Specifications:

- | | |
|---|---------------------------------|
| ▪ API: CI-4 Plus/SL, CI-4, CH-4 | ▪ Detroit Diesel: DDC 2000/4000 |
| ▪ SAE Viscosity: 20W-50 | ▪ Detroit Diesel: 93K215 |
| ▪ ACEA: E7-08, E-5-02, E3-96 | ▪ Global: DHD-1 |
| ▪ Caterpillar: ECF-2, ECF-1-a | ▪ Volvo: VDS-3 |
| ▪ JASO: DH-1 | |
| ▪ MAN: 271, 3275 | |
| ▪ MB: 228.3, 229.1 | |
| ▪ Mack: EO-N Premium Plus 03, EO-M Plus, EO-M | |

Product Code: 2029

Product Size: 20L, 205L, 1000L



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Typical Characteristics:

Density at 15°C (kg/L)	0.88
Flash Point COC (°C)	220
Pour Point (°C)	-21
Kinematic Viscosity at 40°C mm ² /s (cSt)	175
Kinematic Viscosity at 100°C mm ² /s (cSt)	19.3
Viscosity Index	126
Total Base Number (mg KOH /g)	9.2
Sulphated Ash (%m)	1.18

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website www.royallubricants.com.au or by email info@royallubricants.com.au

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