

## HPDD 40

### High Performance Engine Oil for Superior Wear and Protection

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HPDD This is a low sulphated ash SAE diesel engine oil designed for use in Detroit Diesel 2 stroke engines – naturally aspirated or turbocharged.

It is also suitable for a large variety of 4-stroke diesel engines and can be used in 4-stroke petrol engines. Also suitable for a range of automotive transmissions requiring SAE 40 engine oils.

#### Summary of Benefits

- Low ash formulation to minimise exhaust valve deposit formation.
- Provides excellent protection against corrosion and wear throughout the recommended oil drain period.
- Anti-wear and anti-oxidants have been optimised for diesel engines to provide longer oil life.
- The detergent/dispersants control soot thickening and keep pistons clean.
- HPDD is primarily for Detroit Diesel two stroke engines.

#### Specifications:

- API: CF/CF-2/SG
- SAE Viscosity: 40
- Detroit Diesel 7SE2709505
- ACEA: E1
- Mercedes Benz: MB 227.1
- MIL-L-46152B, MIL-L-2104 D

Product Code: 2200

Product Size: 20L, 205L



V1.1 10/17

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### Typical Characteristics:

Density at 15°C (kg/L)	0.892
Flash Point COC (°C)	225
Pour Point (°C)	-15
Kinematic Viscosity at 40°C mm <sup>2</sup> /s (cSt)	140
Kinematic Viscosity at 100°C mm <sup>2</sup> /s (cSt)	14.8
Total Base Number (mgKOH/g)	7.6
Sulphated Ash (%m)	<1.0

\*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 Material Safety Data Sheet (MSDS) is available for each product. Users should consult the MSDS, 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 Materials Safety Data Sheet is available at Royal Precision Lubricants by email:  
[info@royallubricants.com.au](mailto:info@royallubricants.com.au).

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