

Diesel Technical Data Sheet

Authorised by: IOR Terminals Pty Ltd GM S&D
Reference: IOR TERMINALS PTY LTD-SD-F523
Revision: 002

1.0 IOR Terminals Pty Ltd Diesel

IOR Terminals Pty Ltd Diesel is a light distillate fuel with sulphur content less than 10 parts per million (ppm), making it suitable for diesel engines designed to meet the latest European and American emission standards including those fitted with exhaust after-treatment devices. IOR Terminals Pty Ltd Diesel is formulated to deliver adequate lubricity to help protect fuel system components from wear.

IOR Terminals Pty Ltd Diesel is produced to conform to the Fuel Standard (Automotive Diesel) Determination 2001 (Cth) (as amended). The cloud point is controlled seasonally and geographically to ensure operability of engines and equipment across Australia.

2.0 Application

IOR Terminals Pty Ltd Diesel is suitable for all diesel-fuelled engines in mobile, portable and stationary applications including:

- high speed diesel engines – (those operating at greater than 800rpm)
- in services involving frequent and relatively wide variations in loads and speeds
- in automotive both on and off-road applications
- Industrial applications

3.0 Specifications

IOR Terminals Pty Ltd Diesel complies with the relevant provisions of:

- Fuel Quality Standards Act 2000
- Fuel Standard (Automotive Diesel) Determination 2001 (Cth) (as amended)
- Australian Standard AS3570 – 1998 Amendment No. 1

4.0 Health, Safety and Environment

Avoid contact with the skin and eyes. For further guidance on product health and safety refer to the appropriate Material Safety Data Sheet available at www.iorterminals.com.au.

5.0 Typical Characteristics (Port Bonython)

Description	Unit	Method	Typical
Cetane Index	-	ASTM D4737 Proc A	56 (46 min)
Density@15°C	Kg/L	ASTMD4052	0.837 (0.820-0.850)
Viscosity @40°C	mm ² /s	ASTM D445	3.2 (range 2.0-4.5)
Flash Point	°C	ASTM D93	76°C (61.5°C min)
Sulphur	mg/kg	ASTM D5453	8 (10 max)
Distillation-95%	°C	ASTM D86	351 (360 max)

Revision Status

Date	Revision
03/08/2017	First release
18/12/2017	Section 3.0 uIOR Terminals Pty Ltdted to all relevant regulations/standards