

 PETRO DIAMOND AUSTRALIA	Diesel Technical Data Sheet	Reference: PDA-SD-F523
		Revision: 002
Authorised by: PDA GM S&D		Date: 18/12/2017

1.0 PDA Diesel

PDA 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. PDA Diesel is formulated to deliver adequate lubricity to help protect fuel system components from wear.

PDA 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

PDA 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

PDA 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.petrodiamond.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)

 PETRO DIAMOND AUSTRALIA	Diesel Technical Data Sheet	Reference: PDA-SD-F523
		Revision: 002
Authorised by: PDA GM S&D		Date: 18/12/2017

Revision Status

Date	Revision
03/08/2017	First release
18/12/2017	Section 3.0 updated to all relevant regulations/standards