



SHELL DIESOLINE 500

AUTOMOTIVE DIESEL FUEL

DESCRIPTION

Shell Diesoline 500 is a special purpose light distillate fuel for use in high speed diesel engines (i.e. those operating at greater than 800 rpm), in services involving frequent and relatively wide variations in loads and speeds. It is used in automotive (both on and off road) and industrial applications. Adequate lubricity is maintained to protect fuel pumps and injectors. The cloud point is controlled to ensure operability in known cold locations.

Shell Diesoline 500 is produced to conform to Australian Standard AS3570 - 1998 with the added control of 500 ppm sulphur specification.

WA Clean Fuels Regulation - Low sulphur diesel, and Queensland EPA Regulation No: 3 - 2000

HEALTH & SAFETY

It is unlikely to present any significant health or safety hazard when properly used in the recommended application. For further guidance on Product Health & Safety refer to the appropriate Shell Material Safety Data Sheet (MSDS).

TYPICAL CHARACTERISTICS

DESCRIPTION	UNITS	METHODS	TYPICAL
Density @ 15°C	kg/L	D1298/D4052	0.850
Viscosity @ 40 °C	mm ² /s	D445	3.05
Flash Point	°C	D93	79
Sulphur	% mass	D2622/D4294	0.048
Cetane Index	-	D613/D4737	49
Distillation - 90% rec	°C	D86	334
Water	% volume	D95	<0.05
Ash	% mass	D482	<0.01
Sediment	% mass	D473	<0.01
Filterability Test	% mass	D2068	1.05
Strong Acid Number	mg KOH/g	D974	Nil
Total Acid Number	mg KOH/g	D664	<0.1
Copper Corrosion	-	D130	1a
Lubricity (HFRR test)	Microns	IP 450	400

Document Information

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