



SHELL DIESOLINE 50

AUTOMOTIVE DIESEL FUEL

DESCRIPTION

Shell Diesoline 50 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 50 is an Ultra Low Sulphur Diesel fuel. The sulphur content is controlled to less than 50 mg/kg. This low sulphur diesel results in reduced emissions when compared with standard diesel fuel.

Shell Diesoline 50 is produced to conform to Australian National Fuels Quality Standards Act 2000 and Australian Standard AS3570 - 1998 with the added control of maximum 50 mg/kg sulphur specification.

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	mg/kg	D2622/D5453	45
Cetane Index	-	D4737	49
Distillation - 95%	°C	D86	340
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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