SHELL V-POWER DIESEL

AUTOMOTIVE DIESEL FUEL

DESCRIPTION

Shell V-Power Diesel 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) applications. Adequate lubricity is maintained to protect fuel pumps and injectors. The cloud point is controlled to ensure operability in known cold locations.

Shell V-Power Diesel is an Ultra Low Sulphur Diesel fuel. The sulphur content is controlled to less than 10 mg/kg. Shell V-Power Diesel contains a unique multifunctional performance additive package that will prevent the build up of deposits on the vehicle fuel system and injectors

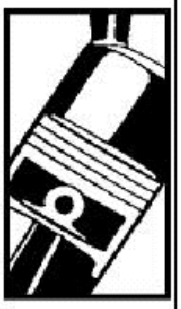
Shell V-Power Diesel is produced to conform to Australian National Fuels Quality Standards Act 2000 (with cold properties controlled by Australian Standard AS3570 – 1998) with a maximum 10 mg/kg sulphur specification.

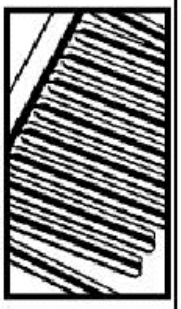
SUMMARY OF BENEFITS

Shell V-Power Diesel is a very low sulphur diesel fuel incorporating a unique high performance multifunctional additive package, designed for modern high-speed compression ignition engines. The diesel meets all the requirements of the Federal Fuel Quality Standards Act 2000 and has a maximum sulphur content of 10 ppm. This fuel is suitable for use in modern engines that are fitted with exhaust aftertreatment devices, and should result in reduction in exhaust emissions, especially particulate matter.
Shell V-Power Diesel is designed to prevent the build up of deposits on vehicle injectors, so that the engine will maintain power and fuel economy over time. Shell V-Power Diesel is designed to reduce total emission levels, as well as reducing fuel system corrosion and vehicle refuelling time as Shell V-Power Diesel also includes antifoaming additive.

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	0.830 [0.82 – 0.85]
Viscosity @40 °C	mm^2/s	D445	3.05
Flash Point	°C	D93	79
Sulphur	mg/kg	D2622/D5453	8
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	
PDS Number:	200004203
Date Revised:	23/05/2018