

# SHELL DIESOLINE 10

## AUTOMOTIVE DIESEL FUEL

### DESCRIPTION

Shell Diesoline 10 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. Shell Diesoline 10 is formulated to deliver adequate lubricity, to help protect fuel pumps and injectors from wear. The cloud point is controlled on a regional and seasonal basis to for the purposes of delivering operability across Australia. Shell Diesoline 10 is an Ultra Low Sulphur Diesel fuel. The sulphur content is controlled to less than 10 mg/kg,

Shell Diesoline 10 is produced to conform to the Australian Fuel Quality Standards Act 2000 (Cth) (with cold properties controlled by Australian Standard AS3570 – 1998).

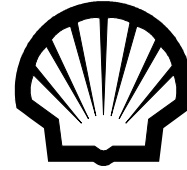
### SUMMARY OF BENEFITS

Shell Diesoline 10 is an Ultra low sulphur diesel fuel designed for modern high-speed compression ignition engines. The diesel meets all the requirements of the Australian Fuel Quality Standards Act 2000 (Cth) 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

Shell Diesoline 10 meets all the requirements of NSW Coal Mine Health and Safety Act 2002, Clause 73(1) of the Coal Mine Health and Safety Regulation 2006 for Diesel fuel used in underground mine operations (Amended June 2009).

### HEALTH & SAFETY

Shell Diesoline 10 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 <sup>2</sup> /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

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