



(Reg. CO2014/10195)

Enviro Diesel (BW) Pty Ltd

innovation and pioneering



Enviro-diesel
PREMIUM PERFORMANCE

DESCRIPTION

Enviro-diesel is an Ultra-Low Sulphur renewable diesel blend with premium fuel properties. The balanced formulation offer users increased performance, a clean engine with better fuel economy, enhanced fuel lubricity for less maintenance and extended engine-life.

APPLICATION

Enviro-diesel is compatible with medium and high-speed diesel engines such as passenger cars, SUVs, trucks, busses, tractors and earthmoving equipment, old and new engine technologies. Enviro-diesel is fully compatible with petrol-diesel, and no vehicle engine modifications are needed - **just pump and go.**

PREMIUM FUEL QUALITIES

Ultra-Low Sulphur Concentration

- improve air quality by reducing noxious gases
- reduce particulate matter, smog and CO₂ emissions
- eliminate the tendency for acidic corrosion of engine
- reduce tailpipe emissions and exhaust black smoke

Inherent Detergency Properties

- superior engine-cleaning properties of injector deposits
- lowers fuel consumption and improve power output
- reduce downtime maintaining fuel system components

Higher Cetane Number

- less engine knock and noise
- better combustion leads to fewer engine deposits
- reduce emissions and improve performance
- quicker start-up with less smoke

Enhanced Lubricity Characteristics

- protection of fuel pumps and injectors
- adequate lubricity for new engine designs
- extend fuel system and engine-life

PHYSICAL CHARACTERISTICS

Typical

Net Calorific Value @ 20 °C, MJ/l	35.81
Density @ 20 °C, kg/l	0,79
Distillation, °C, 90% recovered	317
Flash Point, (PMCC), °C	46
Cetane Number	54
Cold Filter Plugging Point (CFPP), °C	- 39
Sulphur Content, ppm	< 5
Viscosity @ 40 °C, mm ² /s	1,80 to 2,20
Lubricity, HFRR @ 60 °C, micron (µm)	232
Carbon residue on 10% bottoms, % mass	0,18
Aromaticity, % vol.	6.0
Water and Sediment, % vol.	< 0.010
Copper strip corrosion rating 3h @ 50 °C	No. 1
Ash, % mass	< 0.010
Oxidation Stability, hours, min	8.4

PERFORMANCE LEVEL

Enviro-diesel complies with ASTM D975 specification for diesel fuel accepted worldwide.