

TECHNICAL DATA SHEET

ROXDIESEL ANTIFREEZE

Code 8250

Pour Point & Cold Filter Plugging Point Depressant

DESCRIPTION

Roxdiesel Antifreeze is an ashless pour point depressant additive which improves operability for a range of MGO's and Diesel Fuel at low temperatures.

Used throughout the cold regions of Australia for 40 years by Oil Companies, Fuel Terminals, Vessels and end users in stationary and mobile diesel engine equipment.

MGO fuels from many different origins contain varying amounts of wax which will crystallise and gel below certain temperatures.

Roxdiesel Antifreeze offers effective pour point and cold filter plugging point management for many of the currently available Diesel and MGO fuels and blends. Best results for reducing Cold Filter Plugging Point are achieved when efficient treat rates are employed.



FEATURES & BENEFITS

- Inhibits and modifies wax crystal growth

TEST RESULTS (typical results)

MGO (DMA)

Sample 1 Sample 2

Point Pour Point

D97) (ASTM D97)

MGO – Untreated

MGO - +ROXDIESEL ANTIFREEZE

1:500

Pour

(ASTM

+12 °C

<-18 °C

+6 °C

<-18 °C

Regular Summer Diesel

Pour Point
(ASTM D97)

Diesel - untreated

Diesel + ROXDIESEL ANTIFREEZE

1:1000

-3°C

-24°C

Diesel + ROXDIESEL ANTIFREEZE

1:500

-30°C

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'Winter Diesel' (including Heating Oil)

		Pour Point ASTM D97	Cloud Point ASTM D2500	CFPP IP309
Winter Diesel - untreated		-9	-1	-2
Winter Diesel + ROXDIESEL ANTIFREEZE	1:1000	<-27	-1	-4
Winter Diesel + ROXDIESEL ANTIFREEZE	1:500	<-27	-1	-8

DOSAGE DIRECTIONS

It is important to add the ROXDIESEL ANTIFREEZE to the fuel when the temperature of the fuel is above its cloud point.

Dose the fuel at the terminal or directly into the vessel fuel tank.

Add the Roxdiesel Antifreeze to the fuel prior to topping up with the new fuel delivery. The turbulence will successfully mix the Roxdiesel through the fuel. Alternatively, the Roxdiesel Antifreeze can be added at any time to the fuel in storage and action of recirculating will ensure adequate dispersion.

A **dosage rate** of 1 litre Roxdiesel Antifreeze to 500 litres of MGO or diesel fuel is required for the coldest climates. A dosage of up to 1:1000 is acceptable in milder temperature ranges.

PHYSICAL PROPERTIES

Density at 20°C:	0.89 ± g/mL
Appearance Colour:	Yellow
Appearance Transparency:	Clear to slightly hazy

ORDERING INFORMATION

8250/30	1 litre
8250/39	4 litres
8250/51	20 litres
8250/64	200 litres
8250/1000	1000 litres

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