

TECHNICAL DATA SHEET

ROX[®] MF 3800

Code 8250

Pour Point Depressant for Distillate MGO

DESCRIPTION

ROX[®] MF 3800 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.

ROX[®] MF 3800 inhibits and modifies wax crystal growth, offering effective pour point and cold filter plugging point management for many of the currently available MGO fuels and blends. Best results for reducing Cold Filter Plugging Point are achieved when efficient treat rates are employed.

TEST RESULTS (typical results)

MGO (DMA)

	Sample 1 Pour Point (ASTM D97)	Sample 2 Pour Point (ASTM D97)
MGO (Untreated)	+ 12 °C	+ 06 °C
MGO with ROX [®] MF 3800 (1:500)	< -18 °C	< -18 °C

Regular Summer Diesel

	Pour Point (ASTM D97)
Diesel (Untreated)	- 03 °C
Diesel with ROX [®] MF 3800 (1:1000)	- 24 °C
Diesel with ROX [®] MF 3800 (1:500)	- 30 °C

'Winter Diesel' (including Heating Oil)

	Pour Point (ASTM D97)	Cloud Point (ASTM D2500)	CFPP (IP309)
Winter Diesel (Untreated)	- 9 °C	- 1 °C	- 2 °C
Winter Diesel with ROX [®] MF 3800 (1:1000)	<-27 °C	- 1 °C	- 4 °C
Winter Diesel with ROX [®] MF 3800 (1:500)	<-27 °C	- 1 °C	- 8 °C

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DOSAGE INSTRUCTIONS

It is important to add the ROX® MF 3800 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 ROX® MF 3800 to the fuel prior to topping up with the new fuel delivery. The turbulence will successfully mix the ROX® through the fuel. Alternatively, the ROX® MF 3800 can be added at anytime to the fuel in storage and action of recirculating will ensure adequate dispersion.

A **dosage rate** of 1 litre ROX® MF 3800 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.

FUEL ADDITIVE PARTNER

Callington is an Australian fuel additive manufacturing company, developing additives for changing fuel specifications since the early 1970's.

The advanced chemistries employed ensure the highest of performance requirements: - Asphaltene Dispersants, HFO PPD's, Tank Cleaners, Pour Point depressants, Cold Flow Improvers, Combustion Improvers, Cetane Improvers, Dispersants, Detergents, Corrosion Inhibitors, Demulsifiers, Lubricity Agents, and Antioxidants.

PACKAGING & AVAILABILITY

Packed in 20 and 200 & 1000 litre containers.

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Created 10 May 2011 Date Printed 28/03/2018 1:32 PM