TECHNICAL DATA SHEET

POUR POINT DEPRESSANT (ROX® MF 3800) *Code 8265*

Improves Operability of Diesel Fuel

DESCRIPTION

Pour Point Depressant 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.

Best results for reducing Cold Filter Plugging Point are achieved when efficient treat rates are employed.

FEATURES AND BENEFITS

- Inhibits and modifies wax crystal growth
- Effective pour point and cold filter plugging point management
- Available MGO fuels and blends

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 Pour Point Depressant (1:500)	< -18 °C	< -18 °C

Regular Summer Diesel	Pour Point (ASTM D97)
Diesel (Untreated)	- 03°C
Diesel with Pour Point Depressant (1:1000)	- 24°C
Diesel with Pour Point Depressant (1:500)	- 30°C

Callington Haven Pty Ltd
30 South Street, Rydalmere NSW 2116 Australia
T: +61 2 9898 2788 **E:** australia@callington.com

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'Winter Diesel' (including Heating Oil)	Pour Point (ASTM D97)	Cloud Point (ASTM D2500)	CFPP (IP309)
Winter Diesel (Untreated)	- 9 ºC	- 1 ºC	- 2 ºC
Winter Diesel with Pour Point Depressant (1:1000)	<-27 ºC	- 1 ºC	- 4 ºC
Winter Diesel with Pour Point Depressant (1:500)	<-27 ºC	- 1 ºC	- 8 ºC

DOSAGE INSTRUCTIONS

It is important to add the Pour Point Depressant 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 Pour Point Depressant to the fuel prior to topping up with the new fuel delivery. The turbulence will successfully mix the Pour Point Depressant through the fuel. Alternatively, the Pour Point Depressant 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 Pour Point Depressant 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.

ORDERING INFORMATION

8265/64	200 litres

Created 4th September 2020 Date Printed 5/03/2021 4:08 PM

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