

PRODUCT FACTS

Diesel Engine Cooling System Corrosion and Scale Inhibitor

FEATURES

- Prevents corrosion for extended engine life
- Prevents scale to minimize maintenance expense
- Convenient concentrated liquid product
- Red/Purple color indicates presence of product in cooling water

PRODUCT DATA

- Color: Deep Purple-Red
- Weight: 9.81 lbs/gal (1.175 kg/l)
- Flash Point: None
- Typical Freeze Point: 14° F (-10°C)
- Typical pH (as is): 12.0
- Typical pH (2 fluid oz/gal): 9.7

Product	Dober TR81167
Form	Liquid
Color	Red / Purple
In Solution Color	Red / Purple
Dye / Indicator	Phenolphthalein
Nitrite (as NaNO ₂)	1400 – 1800 mg/L
Borate (as NaBO ₂)	887 mg/L
pH Range	9.0 – 10.5
Total Dissolved Solids	3728 mg/L
Conductivity	3400 μS/cm
Recommended Dosage	2 fl. oz. / gallon or 1.56% BV

APPLICATION

Dober TR81160, a borate/nitrite inhibitor treatment, provides superior corrosion and scale protection for today's modern diesel engine. Dober TR81160 contains a complete corrosion inhibitor system that protects not only yellow metals, cast iron and steel in your system, but aluminum and solder as well. This feature lowers maintenance down time and part replacement costs.

The effective deposit inhibitor in Dober TR81160 works to prevent scale should your make-up water contain some hardness. Prevention of scale results in improved oil cooler and engine block heat transfer, providing better flow rates, cooler operating temperatures, and reduced maintenance costs. Plugged radiator passages from scale that has broken loose cease to be a problem.

DESCRIPTION AND USE

Dober TR81160 may either be added directly to your engine cooling system or as a premixed solution using softened makeup water for dilution. The normal recommended treatment level of Dober TR81160 is 2 fluid ounces per gallon of cooling system capacity. This gives a conductivity of approximately 3400 μS/cm above that of the makeup water. To ensure adequate inhibitor levels, sodium nitrite levels should be maintained between about 1500 and 2250 ppm as NaNO₂.



PACKAGING INFORMATION

- 5 gallon plastic pails - Approximately 48 lbs.
- 55 gallon steel drums - Approximately 539 lbs.



LIMITATIONS AND HANDLING

Do not take internally. Not for potable water. Avoid contact with skin, eyes and clothing. If material contacts skin, wash thoroughly with water. If eyes are contacted, flush with water and get medical attention. Keep container closed when not in use. A Material Safety Data Sheet containing detailed information about this product is available upon request.

For additional information contact Dober at:

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