

# PRODUCT FACTS

## Diesel Engine Cooling System Corrosion and Scale Inhibitor

### FEATURES

- Prevents corrosion for extended engine life
- Prevents scale to minimize maintenance expense
- Convenient water-soluble bag eases application
- Concentrated powder reduces freight expense
- Florescent dye facilitates black light detection of leaks
- Cannot freeze; always ready for use
- Safe to handle; no personal contact with chemicals

### PRODUCT DATA

- Color: White to orange
- Weight: 8 ounce / PVA bag
- Form: Water-soluble bags
- Length: 8"
- Cooling System Color: Fluorescent Yellow/Green

Product	Dober TR81167
Form	Powder (PVA Bag)
Color	White to Orange
In Solution Color	Yellow / Green
Dye / Indicator	Fluorescein
Nitrite (as NaNO <sub>2</sub> )	1400 – 1800 ppm
Borate (as NaBO <sub>2</sub> )	887
pH Range	9.0 – 10.5
Total Dissolved Solids	4334 ppm
Conductivity	3900 μS/cm
Recommended Dosage	0.64 dry oz. / gallon

### APPLICATION

Dober TR81167, a borate/nitrite cooling water treatment, provides superior corrosion and scale protection for today's modern locomotive and marine diesel engine. Dober TR81167 contains a complete corrosion inhibitor system that protects not only the 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 TR81167 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, better flow rates, cooler water temperatures, and reduced maintenance costs. Plugged radiator passages from scale that has broken loose cease to be a problem.

### DESCRIPTION AND USE

Dober TR81167 can be added directly, as received, to your engine cooling system. Because the bag is water soluble, there is no need for maintenance workers to touch the chemical. The normal recommended treatment level of Dober TR81167 is 0.64 dry ounces per gallon of cooling system capacity. This dosage gives a conductivity of apx 3900 μS/cm above that of the makeup water. To ensure adequate inhibitor levels, sodium nitrite levels should be maintained between 1500 and 2250 mg/L as NaNO<sub>2</sub>.



### PACKAGING INFORMATION

Polylined cartons - Approximately 45 pounds



### SAFETY PRECAUTIONS

Avoid excessive contact with skin or eyes. If material gets on skin, wash with plenty of water. If eyes are affected, flush with water and get medical attention. Keep product dry. 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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