



# ANTIFREEZE COOLANT CONCENTRATE

## ANTICONGELANTE/ REFRIGERANTE PREDILUIDO

MOTOR STAR 50-50 Antifreeze/Coolant concentrate used as directed, offers superior performance in virtually every light and heavy duty application. The proprietary inhibitor package is low silicate and phosphate and 2-EH free. Can be used as a top-off but to achieve maximum protection a complete flush and fill should be performed. MOTOR STAR Premium Heavy Duty Antifreeze provides protection against:

- Freeze-up/Boil Over
- Scale Build Up
- Sludge/Clogging
- Wet Sleeve Liner Pitting
- Rusting
- Corrosion

### Advantages

Meets Light Duty ASTM D-3306 and Heavy Duty ASTM D-6210

- One product for Light Duty and Heavy Duty applications.
- Perfect choice for mixed fleets. No need to add SCA's.
- Blended with pure De-Ionized water for your quality needs.
- Phosphate free and low silicate - the choice for Japanese and Korean models.
- Light Duty - 5 years/150,000 miles
- Heavy Duty - 3 years/300,000 miles.
- Compatible with hybrid and OAT coolants - including Dexcool™
- For safety purposes all MOTOR STAR antifreeze is blended with a bittering agent.

### MEETS OR EXCEEDS PERFORMANCE REQUIREMENTS OF

MOTOR STAR Heavy Duty Concentrate is blended with proprietary additives designed to safely meet the performance specifications of (but not limited to):

- ASTM D-3306
- ASTM D-6210
- Ford WSS-M97B51 • GM 1825M
- GM 1899M
- Chrysler MS 7170
- Caterpillar EC-1 • Detroit Diesel
- Cummins Engine • John Deere
- International
- Case New Holland
- Volvo Trucks • GE Locomotive • Freightliner
- Ford ESE-M97B44-A • Mercedes
- Komatsu
- Navistar
- TMC RP329

### Typical Product Properties

Characteristic	Performance	TEST METHOD
Appearance	Visual	Red
Specific Gravity at 60/60°F	1.053-1.083	D 1122
Freeze Point, at 50% max	-34°F	D-3321
pH at 50% Solution	8.5-10.0	D-1287
Reserve Alaklinity min.	2.5	D-1121
Foam Test	150ml/5 sec	D-1881

