



**HEAVY DUTY
EXTENDED LIFE
50/50**

PowerGard™ Premium Heavy Duty Extended Life 50/50 AntiFreeze

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. PowerGard Premium Heavy Duty Extended Life Antifreeze provides protection against:

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

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 SCAs
- Blended with pure deionized water for your quality needs
- Phosphate free and low silicate
- Light Duty - 5 years/150,000 miles
- Heavy Duty - 3 years/300,000 miles
- Compatible with hybrid and OAT coolants - including Dexcool® *
- For Safety – All PowerGard Antifreeze contains a bittering agent

SPECIFICATIONS

PowerGard Heavy Duty Extended Life 50 is blended with proprietary additives designed to safely meet the performance specifications of (but not limited to):

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

*DEX-COOL® is registered trademark of the General Motors Corporation



TYPICAL PROPERTIES

DESCRIPTION	TYPICAL VALUES	TEST METHOD
Appearance	Visual	Orange/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 Alkalinity min.	2.5	D-1121
Foam Test	150ml/5 sec	D-1881

BOIL OVER PROTECTION			
Type of Coolant Test	Atmospheric Pressure	14 LB. cap	15 LB. cap
Coolant Boiling	224°F	262°F	265°F
Coolant Freezing	-34°F	-34°F	-34°F

Available in Gallon Jugs, Drums, Totes and Bulk



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