

# POWERGARD™

## PREMIUM COOLANTS

LONG LIFE  
50/50

### PowerGard™ Premium Long 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 Long Life Antifreeze provides protection against:

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

#### 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™

#### SPECIFICATIONS

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

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



#### 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 Alaklinity 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



Are Trademarks of ORG Chem-Group, LLC



ORG Chem-Group  
11210 Solomon Road  
Troy, In, 47588  
812.547.7951