

# Pride Commander

**-51°F**



## **Extended Life Heavy Duty Antifreeze**

**READY TO USE  
PREMIXED NO WATER NEEDED**

- **PREMIXED - NO WATER NEEDED**
- **HEAVY DUTY PRECHARGED ADDITIVES**
- **600,000 MILE or 12,000 HRS PROTECTION\***

Pride Commander HD -51 Extended Life Antifreeze and Coolant for heavy duty diesel engines protects entire cooling system for up to 600,000 miles or 12,000 hours without using Supplemental Coolant Additives (SCAs). \*Full Extended Life maintenance includes adding Pride Fortifier after 300,000 miles or 6,000 hours.

Pride Commander HD Precharged & Premixed Antifreeze and Coolant meets ASTM D-3306 and ASTM D-6210 for automotive service and ASTM D-4985 and RP-329, RP338 for heavy duty diesel service. It is phosphate-free, silicate-free, nitrate-free and borate-free. Check owner's manual for specified antifreeze usage.  
**Available in gallons, drums and bulk.**

**Coastline Packaging Company • 30470 Energy Drive • New Church, VA 23415**

# PRIDE COMMANDER HD -51° PRECHARGED & PREMIXED ANTIFREEZE

**PRIDE Commander HD -51 Precharged & Premixed Antifreeze and Coolant is formulated in accordance with:**

ASTM D3306  
ASTM D4985  
ASTM D6210  
ASTM D1384  
ASTM D4340  
ASTM D2570  
ASTM D2809

- Caterpillar Cat DEAC
- Caterpillar ELC, EC-1
- Cummins 90T8-4
- Cummins CES14603
- Detroit Diesel 7SE298; DDC Powercool, DDC Powercool 3000, Powercool Plus DDC and Powercool Plus 6000
- Ford New Holland WSN-M97D18D, ESE M97B18-C, M97B44A, WSE M97B44B, WSS M97B51A1, WSS M97B44D and WSN M97B18D
- Freightliner 48-22880
- J.I. Case JIC-501
- J.I. Case MS1710
- John Deere JDM H24A1, M24B1, M24C1 and H-5
- Mack Truck 014 G517994
- MIL O-A-5480
- MTU MTL5048, MTL5049
- Navistar B1, Type 1
- Navistar B1, Type II
- Navistar B1, Type II
- TMC RP302-A, RP329 and RP338
- VOLVO ES 1709

(UNIVERSAL SILICATE FREE FORMULATION)

## PRODUCT SPECIFICATION

TYPICAL COMPOSITION	TYPICAL ANALYSIS
ETHYLENE GLYCOL (ANTIFREEZE GRADE)	53 - 55%
CORROSION INHIBITORS	2.2%
WATER	Balance
ANTIFOAM & RED DYE	Trace
<b>TYPICAL PROPERTIES</b>	
COLOR	Red
SPECIFIC GRAVITY @ (60 F)	1.07
RESERVE ALKALINITY	5
pH (as supplied)	8.5 - 10
FLASH POINT, (Tag Open Cup)	Not at this dilution
BOILING POINT	232F min.
FOAM TEST	50ml. / 3sec. max.
FREEZE POINT UNDILUTED	-51F
SILICATE	nil
POUNDS PER GALLON	8.9

Typical test data are average values only. Minor variations, which do not affect performance, may occur.

PRIDE Commander HD -51° Precharged & Premixed Antifreeze and Coolant is an ethylene glycol based universal formulation, which performs equally well in aluminum and conventional metal engines. Recommended for trucks, tractors, heavy-duty commercial engines and stationary engines. Compatible with all nationally distributed water filters and supplemental coolant additives. Fully formulated and precharged for diesel engine applications. SCA's not required at initial fill. Add ESA/SCA's at recommended service intervals. Commander HD -51° Precharged & Premixed Antifreeze and Coolant does not adversely affect automotive hoses, gaskets or paint finishes.

### HANDLING AND SAFETY INFORMATION

Refer to Commander HD -51° Material Safety Data Sheet (MSDS) for proper handling and safety information.

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