

## PRODUCT DATA SHEET

DAVID WEBER OIL CO.

601 Industrial Road · Carlstadt, NJ 07072 | 201.438.7333 phone | 201.438.3178 fax  
www.weberoil.com

# Gibraltar Permanent Anti-Freeze HD

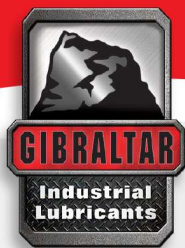
## Automotive & Heavy-Duty cooling system protection

**Gibraltar Permanent AF HD** is specifically formulated for both automotive and heavy-duty diesel engine cooling systems, including those with aluminum heat-rejecting components. It provides corrosion protection for all cooling system metals and is formulated to be compatible with coolants from all major producers. **Gibraltar Permanent AF HD** antifreeze does not require an additive pre-charge for diesel engine use.

**Gibraltar Permanent AF HD** is a low-silicate product designed for use in gasoline and diesel engines. It is fully formulated and ready for use without the need for additional additives or top treats. **Gibraltar Permanent AF HD** prevents heat-related system failures while protecting key engine components.

**Gibraltar Permanent AF HD** provides the following benefits:

- Proven automotive & HD Diesel coolant technology
- Pre-charged with supplemental cooling additives
- Protects all cooling system metals, including aluminum
- Meets ASTM and HD OEM specs



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### SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

ASTM D5216, D3306, D4340, D4985, D6210  
Caterpillar  
Chrysler MS7170  
Cummins CES 14603 & Low Silicate  
SAE J1034, J1941

Federal Specification OA548D  
TMC RP-330  
GM1825M, GM1899M,  
Ford ESEM97B44A  
Military Specification CIDA-A-52624

### TYPICAL PROPERTIES (concentrate)

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Color	Green
Specific Gravity @ 60° C	1.12-1.14
pH (50% solution/vol), min.	7.5-11.0
Reserve Alkalinity, min.	6
Freeze Point, 50%	-34°F/-37°C