

## Specifications

HEAVY-DUTY UNIVERSAL GOLD; HEAVY-DUTY ORANGE, RED, BLUE,  
PINK, PURPLE, FUSCIA.

Nitrate (NO <sub>3</sub> )	600ppm	ASTM D 5827
Nitrite (NO <sub>2</sub> )	2400ppm	ASTM D 5827
Silicon (SiO <sub>2</sub> )	less than 250ppm	ASTM D 6129/6130
Tolytriazole (C <sub>7</sub> H <sub>6</sub> N <sub>3</sub> )	400ppm	ASTM D 5827
Reserve Alkalinity	6ml	ASTM D 1121

Also meets:

ASTM: D 512, D 1123, D 1127, D 1177, D 1287, D 1881, D 2570, D 2809, D 2908,  
D3306, D 3634, D 4340, D 4656, D4985, D 5345, D 5727, D 5827, D 6210

SAE: J814, J1034, J1941

TMC (American Trucking Association) RP302A, RP329, RP330

FEDERAL SPECIFICATIONS: A-A 52624-IC, A-A-870A

Our antifreeze meets or exceeds all of these Heavy-Duty Original Equipment  
Manufacturers' specifications:

EMD (General Electric's train division) M.I. 1748E  
PETERBILT 07-06773 KENWORTH RO26-10-97 J.I. CASE MS1710, JIC-501  
CATERPILLAR EC-1 CASE MS1710 MACK TRUCK TO-14, GS-17004  
NEW HOLLAND 9-86, WSN-M97D18D FREIGHTLINER 48-222880 GM 6277M  
JOHN DEERE 8650-5, H24A1/A2/B1/C1/C2/H5 DETROIT DIESEL 7SE298, 93K217  
MTU A0011061/16/E, MTL 5048 CUMMINS S/B 3666132, 90T8-4, 14603  
NAVISTAR B-1, B-1 TYPE 2 WAUKESHA 4-1974D

Our antifreeze meets or exceeds all of these medium/light-duty Original Equipment  
Manufacturers' specifications:

FORD ESE-M97B44-A / WSS-M97B44-D / FVV HEFT R443 (Germany)  
GM 6277M; 1825M  
CHRYSLER MS7170 / MS9769  
HONDA/ACURA (JASO) M325, JIS K 2234  
NISSAN/INFINITY (JASO) M325, JIS K 2234  
TOYOTA/LEXUS/SCION TSK 26016, (JASO) M325, JIS K 2234  
VW/PORSCHE/AUDI 774C, G11, G12  
MERCEDES-BENZ DBL 7700, G11, G12

BMW N 600 69.0  
HYUNDAI/KIA MS 591-08  
MITSUBISHI ES-64217  
MAZDA FL22  
ANFOR 15-601 (France)  
BS 6580 (British)

Also certified for use in the following vehicles (and others on request):

ALL U.S. MAKES AND MODELS, ALPHA-ROMEO, BMW/MINI, BUGATTI  
CITREON, DAIHATSU, DAEWOO, FERRARI/MASERATI/LAMBORGHINI, FIAT,  
ISUZU, JAGUAR, LAND-ROVER, MG, PEUGEOT, RENAULT,  
ROLLS-ROYCE/BENTLEY, SAAB, SUBARU, SUZUKI, TRIUMPH, VOLVO

HEAVY-DUTY GREEN:

Nitrite (NO <sub>2</sub> )	2400ppm	ASTM: D5827
Tolytriazole (C <sub>7</sub> H <sub>6</sub> N <sub>3</sub> )	600ppm	ASTM: D5827
Sulfate (SO <sub>4</sub> )	<100ppm	ASTM: D6129/30
Reserve Alkalinity	10ml	ASTM: D1121

Also: ASTM D: 3306, D:4985

TMC (American Trucking Association): RP302A, RP 329, RP330

Certificates of Analysis are available upon request for the inhibitor packages (performed by an independent laboratory.)

Material Safety Data Sheets (MSDS) are available upon request for any of our products, formulations, or materials included within.