

## PURUS® HEAVY DUTY PRE-CHARGED ANTIFREEZE/COOLANT- FUSCHIA

Manufactured with virgin base products

**DESCRIPTION:** PURUS® Heavy Duty Pre-Charged Antifreeze/Coolant is a premium quality, conventional technology ethylene glycol-based fluid. The product is specially formulated with industry-leading additives to provide optimum performance in heavy duty vehicles requiring supplemental coolant additives (SCAs).

### PERFORMANCE

#### FEATURES:

- Contains nitrites for superior wet sleeve liner cavitation protection.
- Provides maximum freeze and boil-over protection.
- Designed for heavy duty applications, yet can be used in automotive applications where conventional technology coolants are acceptable.
- Phosphate-free, low silicate formulation.
- Effective, long-term corrosion protection for steel, solder, copper, iron, brass and aluminum.
- High-quality defoamer system, non-harmful to hoses, plastics or gaskets.
- Compatible with all major American brands of conventional coolants, with and without the addition of SCAs.\*
- Appropriate for use in on and off-road diesel engines, as well as in stationary engine applications where a conventional pre-charged coolant is required.

### TYPICAL PROPERTIES:

	ASTM Method	Concentrate	50/50
Glycols Content, mass %	GC	96.5	49
Bittering Agent	--	Yes	Yes
Water Content, mass %	D1123	2	50
Corrosion Inhibitor System, mass %	--	2	1
Specific Gravity @ 60°F	D1122	1.125	1.075
Flash Point	D97	240°F (116°C)	N/A
pH	D1287	10.8	10.5
RA	D92	5.6	2.8
Storage Stability	--	1 year	1 year
Effect on Non-Metals	D1882	No Effect	No Effect
Cavitation Erosion Rating	D2809	8 min	8 min
Foam Test, ml/sec	D1881	<50/3	<50/3
Fluid Color		Fuchsia	Fuchsia
Coolant/Antifreeze % 50/50 Freeze Point	D1177	-34°F (-36°C)	-34°F (-36°C)
Coolant/Antifreeze % 50/50 Boil Point	D1120	226°F (108°C)	226°F (108°C)
Ash Content	D1119	<5.0	<2.5
Chloride (mg/L)	D3634	<25	<25
Silicon (as SiO3)	D6130	<250	<125
Nitrite Content (mg/L)	D5827	2550	1250
Nitrate Content (ppm)	D5827	600	300



## PURUS® HEAVY DUTY PRE-CHARGED ANTIFREEZE/COOLANT- FUSCHIA

Manufactured with virgin base products

PURUS® Heavy Duty Pre-Charged Antifreeze/Coolant meets the requirements of:\*\*

- AGCO (Massey Ferguson) M1130A
- ASTM D3306
- ASTM D6210
- Bombardier
- BS 6580:2010
- Buhler Versatile 860550054
- CAT DEAC/ NGEC
- CAT EC-1
- CID-A-52624A
- Chrysler MS-7170
- CNH MAT 3620 (87692740)
- Cummins CES 14603
- Daimler DBL 7700.00
- Daimler DBL 7700.10
- Daimler DBL 7700.20
- DDC 93K217
- EMD MI 1748F
- Ford ESE-M97B18-C
- Ford ESE-M97B44-A
- GM 1825M
- GM 6038M
- GM 1899M
- GET-2594F (MI-09500)
- JCB STD00088
- Jenbacher 1000-201
- John Deere JDM H24A
- John Deere JDM H24B, C
- John Deere JDS-G135
- Liebherr
- Mack GS17004
- MTU 5048
- MWN Deutz TR0199-99-115
- Navistar CEMS B-1 Type I and Type II
- Perkins (CAT)
- SAE J1034
- SAE J1941
- TMC RP 302A
- TMC RP 302B
- TMC RP 303C
- TMC RP 329
- TMC RP 338A
- Volvo Coolant VCS
- Waukesha 4-2429H
- Wisconsin Motors (Continental)

*Always consult your vehicle owner's manual for proper fluid removal and flushing procedures. Typical properties, are not to be construed as specifications.*

\*SCA levels will need maintaining throughout the life of the engine. Consult your owner's manual for recommendations.

\*\*Meets performance requirements but may or may not meet certain chemical requirements.



Updated 07/2015