



# Heavy Duty Nitrite Free Antifreeze+Coolant



**Learn More** about our technology on the back

## Nitrite Free Extended Life Technology

- Formulated for use in all Heavy and Light Duty engines
- Nitrite Free formula provides excellent protection for aluminum and all other engine metals
- Protects against liner pitting and corrosion protections.
- Service Life 1,200,000 kilometers/15,000 hours - HD applications only
- Eliminates the need to add supplemental coolant additives
- Works with all NF-OAT coolants

### OEM Approvals/Registrations

This product meets Cummins® Eng. Std. CES14439  
Detroit Diesel 93K217

### Meets or Exceeds OEM Performance Requirements:

CAT EC-1	Freightliner
Navistar CEMS B-1, Type IIIA	Paccar
International	Paccar CS 0185
Volvo	Peterbilt
Mack	Kenworth
John Deere H24	GM 6277M
John Deere H24 C1	GMW 34290
John Deere JDS-G135	Ford WSS-M97-B44D

CONCENTRATE	PACK	UPC	Meets or Exceeds Industry & Governmental Standards:	
74089	6/3.78 L	6 20235-74089 4	ASTM D6210	TMC RP338A
74807	205 L	6 20235-74807 4	ASTM D3306	TMC RP364
74347	1,000 L	6 20235-74347 5	ASTM D4985	TMC RP351
READY TO USE	PACK	UPC	ASTM D7583	JIS K2234
74097	6/3.78 L	6 20235-74097 9	ASTM D4340	SAE J1034
74815	205 L	6 20235-74815 9	SAE J1941	
74352	1,000 L	6 20235-74352 9		

For Use In: Heavy Duty Vehicles Classes 1-8  
Compatibility: NF-OAT



# Heavy Duty Nitrite Free Antifreeze+Coolant

## 74089 TECHNICAL DATA

Composition by Weight	Typical Values
Antifreeze/Coolant Concentrate:	96.7%
Total Water:	3.3%
Dyes:	Trace

Properties	Typical Values	Tests
Color:	Yellow	
Odor:	Characteristic	
Ash Content:	1.5%	ASTM D1119
pH at 50 vol%:	8.2-8.8	ASTM D1287
Reserve Alkalinity:	5.5 mL	ASTM D1121
Density at 15°C, g/mL:	1.1159	ASTM D1122
Freezing Point at 50 vol%:	-37°C (-34°F)	ASTM D1177
Boiling Point at 50 vol%: <i>Under standard pressure</i>	+108°C (+226°F)	ASTM D1120
Foam Test:	55 mL/1.4 sec.	ASTM D1881

## 74097 TECHNICAL DATA

Composition by Weight	Typical Values
Antifreeze/Coolant Concentrate:	52.5%
Total Water:	47.5%
Dyes:	Trace

Properties	Typical Values	Tests
Color:	Yellow	
Odor:	Characteristic	
Ash Content:	0.75%	ASTM D1119
pH:	8.2-8.8	ASTM D1287
Reserve Alkalinity:	2.7 mL	ASTM D1121
Density at 15°C, g/mL:	1.0734	ASTM D1122
Freezing Point:	-37°C (-34°F)	ASTM D1177
Boiling Point: <i>Under standard pressure</i>	+108°C (+226°F)	ASTM D1120
Foam Test:	55 mL/1.4 sec.	ASTM D1881

**Most of our COMMAND® Antifreeze+Coolant Products  
come in 205 L. Drums, 1000 L. Totes and Bulk.**



205 L. drum

1,000 L. tote