# Heavy Duty Nitrite Free
## Antifreeze+Coolant

## 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* with use of extender at 960,000 kilometers/12,000 hours - Heavy Duty applications only
- Eliminates the need to add supplemental coolant additives
- Works with all NF-OAT coolants

| CONCENTRATE | PACK | UPC |
|---|---|---|
| 74089 | 6/3.78 L | 6 20235-74089 4 |
| 74807 | 205 L | 6 20235-74807 4 |
| 74347 | 1,000 L | 6 20235-74347 5 |
| **READY TO USE** | **PACK** | **UPC** |
| 74097 | 6/3.78 L | 6 20235-74097 9 |
| 74815 | 205 L | 6 20235-74815 9 |
| 74352 | 1,000 L | 6 20235-74352 9 |

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

**OEM Approvals/Registrations**

This product meets Cummins® Eng. Std. CES14636/CES14439
Detroit Diesel 93K217

**Meets or Exceeds OEM Performance Requirements:**

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

**Meets or Exceeds Industry & Governmental Standards:**

| | |
|---|---|
| ASTM D6210 | TMC RP338A |
| ASTM D3306 | TMC RP364 |
| ASTM D4985 | TMC RP351 |
| ASTM D7583 | JIS K2234 |
| ASTM D4340 | SAE J1034 |
| SAE J1941 | |

*Class 8 wet sleeve liner applications. With a complete flush/drain and fill per manufacturer's recommendations. Always refer to the vehicle manufacturer owner's or service manual for the recommended change intervals, cooling system capacity, and specific cooling system service instructions. PRESTONE COMMAND® is a registered trademark of Prestone Products Corporation. All other marks are those of their respective owners.

# 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% by weight | 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%: *Under standard pressure* | +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% by weight | 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: *Under standard pressure* | +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

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