

## Nitrite Free Extended Life Coolant/Antifreeze

### DESCRIPTION

Catalys Nitrite Free Extended Life Coolant/Antifreeze is a nitrate-free ethylene glycol-based product for diesel and gasoline engines, which incorporates organic corrosion inhibitors known as OAT (Organic Acid Technology). This technology does not contain silicate, nitrite, amine, phosphate, 2-EH and borate and does not require the addition of supplemental coolant additives (SCA). Catalys Nitrite Free Extended Life coolant offers excellent protection against corrosion and cavitation for 8 years / 1,600,000 kilometers and/or 20,000 hours. This antifreeze is compatible with coolants manufactured using extended life technology.

It is available as a concentrate (PC: 99-0732) or a 50/50 pre-dilute (PC: 99-0733).

### APPROVALS

**Meets the following specifications:** Cummins CES 14603, Detroit Diesel 93K217, MAN 324 TYP SNF, MTU 5048, Mercedes DBL 7700, Mercedes 325,3, BEHR Radiator, Navistar CEMS-B1 Type IIIA, TMC RP-329, ASTM D3306/4985, ASTM D6210, ASTM D7583 (John Deere Coolant cavitation test), John Deere H24A1, H24C1.

Designed for heavy-duty diesel, gasoline, and natural gas engine cooling systems and **can be use in mixed fleet application.**

Properties	Test ASTM	Results
Colour	---	Yellow
Specific Gravity at 15°C	D1122	1,12
Freezing Point (diluted at 50% with water), °C	D1177	-37
PH, (diluted at 50% with water)	D1287	8,5
Reserve alkalinity, ml	D1121	7,0

#### ASTM D-1384 Glassware Corrosion test

	ASTM Limit	Weight loss, mg per coupon *
Copper	Less than 10 mg	0 mg (no corrosion detected)
Solder	Less than 30 mg	1 mg (30 x better than test standard)
Brass	Less than 10 mg	1 mg (10x better than test standard)
Steel	Less than 10 mg	0 mg (no corrosion detected)
Iron	Less than 10 mg	0 mg (no corrosion detected)
Aluminium	Less than 30 mg	4 mg (7 x better than test standard)