

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

APPLICATION / BENEFITS

It meets the following OEMs requirements and specifications: Cummins CES 14603, Detroit Diesel 93K217, MAN 324 TYP SNF, MTU 5048, Mercedes DBL 7700, Daimler Truck Fluid Release 29C110 (previously known as MB 325,3-concentrate), Daimler Truck Fluid Release 29D110 (previously known as MB 326.3-premixed 50/50), BEHR Radiator, Navistar CEMS-B1 Type IIIA, TMC RP-364, ASTM D3306/4985, ASTM D6210, ASTM D7583 (Test de cavitation John Deere), John Deere H24A1, H24C1.

PHYSICAL PROPERTIES	TEST METHOD	RESULTS
Color	-	Available yellow or pink
Specific gravity at 15°C	ASTM D1122	1,07
Freezing Point, °C		
40% (2 parts antifreeze/3 parts water)	ASTM D1177	-24
50% (1 part antifreeze/1 part water)	ASTM D1177	-37
60% (3 parts antifreeze/2 parts water)	ASTM D1177	-52
Freezing Point (diluted at 50% in water), °C	ASTM D1177	-37
PH (diluted at 50% with water)	ASTM D1287	8,5
Glassware corrosion test, (weight loss mg/coupon)	ASTM D1384 limit/metal:	
Copper	Less than 10 mg	0 mg (no corrosion)
Solder	Less than 30 mg	1 mg (30X better than std)
Brass	Less than 10 mg	1 mg (10X better than std)
Steel	Less than 10 mg	0 mg (no corrosion)
Iron	Less than 10 mg	0 mg (no corrosion)
Aluminum	Less than 30 mg	4 mg (7X better than std)

The values listed above are typical of current production, variations in these properties may occur.

AVAILABLE PACK SIZE

	Bulk	1000L tote	208.2L drum	4 X 3.78L
Catalys Nitrite Free yellow (50/50)	99-0733-00	99-0733-04	99-0733-05	99-0733-32
Catalys Nitrite Free pink (50/50)	99-0735-00	99-0735-04	99-0735-05	99-0735-32

HEALTH / SAFETY

GHS compliant English and French Safety Data Sheets are available at catalyslubricants.ca under 'Safety Data Sheets'. Keep container closed when not in use. Please refer to the SDS for safe handling information. Always take used product and containers to an authorized collection point. Avoid discharge into the environment. As with any coolant, keep out of reach of children and animals.

QUALITY

Catalys Lubricants partners with respected industry suppliers to bring you high quality products. For more information, contact your local Catalys Representative. Please ensure this product is right for the equipment by following the recommendations of the equipment operating manual.

CONTACT US

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