

DRYDENE DIESELALL® ELC NOAT AF/C

HEAVY DUTY NOAT EXTENDED LIFE ANTIFREEZE/COOLANT

**PRODUCT DESCRIPTION**

DRYDENE DIESELALL® ELC NOAT AF/C is a premium-grade Nitrited Organic Acid Technology (NOAT) antifreeze/coolant formulated for use in heavy-duty cooling systems requiring nitrite chemistry. Its ethylene glycol-based formula contains organic acid inhibitors and is phosphate, silicate and borate free for extended protection up to 750,000 miles of on-highway service (8 years or 15,000 hours off-highway service) without the need for supplemental coolant additives (SCA) or extended life coolant (ELC) extenders.

PRODUCT APPLICATION

DRYDENE DIESELALL ELC NOAT AF/C is recommended for use in heavy-duty engines powered by diesel, gasoline or natural gas where a silicate free, extended life nitrited coolant is recommended by the manufacturer.. It is ideal for mixed-fleet operations, stationary gas engines and marine cooling systems where nitrited coolants are recommended.

ASTM D3306, D6210
TMC RP 329
Caterpillar EC-1
CNH MAT 3620 EG-3/EG-4
Cummins CES 14439
Deutz DQC-CB-14
International*
JCB
John Deere JDM H24
MAN 324 Type N
MTU MTL 5048
Navistar MPAPS B-1 Type II
New Holland
PACCAR*
Volvo/Mack VCS
Waukesha 4-1974D



* - for heavy-duty engines requiring and NOAT coolant

Drydene DieselAll ELC NOAT coolants meet the performance specifications of the listed manufacturers but may or may not meet certain chemical/color requirements.

FEATURES AND BENEFITS

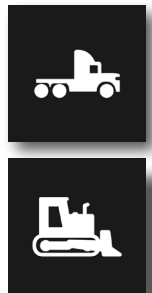
DRYDENE DIESELALL ELC NOAT AF/C is formulated to provide exceptional protection against corrosion, cavitation and abrasion which helps extended the useful life of water pump seal, sleeve liners and aluminum.

- Protects up to 750,000 miles in on-road applications (8 years or 15,000 hours in off-road and stationary applications)
- Does not require the addition of supplemental coolant additives (SCA) or extended life coolant (ELC) extenders
- Improved heat transfer properties compared to conventional silicate-type coolants which can form deposits and reduce heat transfer capacity in high temperature applications
- Extended-life formula free of amines and phosphates
- Silicate-free formula maximizes the life of water pumps and minimizes pump seal wear
- Helps prevent hard water scale deposits and gelling

FREEZE/BOIL PROTECTION CHART	% of Cooling System Capacity	PROTECTS FROM	
		Freezing Down To	Boiling Up To
(Using a 15psi pressure cap)	50	-34°F	265°F
	60	-62°F	270°F
	70	-84°F	276°F

TYPICAL TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	CONCENTRATE		RTU 50/50 PREMIX	
Color	Visual	Red	Red	Red	Red
Specific Gravity @ 60° F	ASTM D1122	1.14	1.14	1.07	1.07
Boiling Point, °C/°F	ASTM D1120	158/317	158/317	107/225	107/225
pH, 50% vol solution	ASTM D1287	-	-	8.6	8.6
Reserved Alkalinity, ml	ASTM D1121	5.5 - 7.0	5.5 - 7.0	2.8 - 4.0	2.8 - 4.0
Ash Content, mass % (max)	ASTM D1119	5.0	5.0	2.5	2.5



This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit www.DRYDENE.com Rev (1125-01)