

**ARCTIQ® ANTIFREEZE/COOLANT**  
**HEAVY DUTY ELC RED ANTIFREEZE & COOLANTS**  
**HEAVY DUTY, EXTENDED LIFE**



**PRODUCT DESCRIPTION**

**ARCTIQ® Heavy Duty Extended Life Red** is a heavy-duty, extended life coolant that combines two organic acid inhibitors with azoles, nitrite and molybdate. This combination of inhibitors provides superior protection for all engine materials of construction including steel, aluminum, cast iron, copper, brass and solder.

**ARCTIQ HD ELC Red** coolant contains no phosphates, silicates, borates, nitrates or amines. Since the coolant is free of phosphate and silicate and contains an anti-scalant, hard water deposits are minimized and water pump seal life is extended. Without phosphate and silicates in the coolant, gel formation is practically eliminated. This antifreeze/coolant contains additives that lubricate the water pump and reduce internal friction, which reduces engine operating temperatures.

The combination of aliphatic mono- and di-acids minimizes maintenance costs by providing extended coolant maintenance and change-out intervals, and by eliminating the need for the use of supplemental coolant additives (SCA's). With the addition of an extender at 300,000 miles, ARCTIQ HD ELC Red has a service life of 600,000 on-road miles. In off-road service, including stationary engines for compressors and turbines, it has a service life of 12,000 hours or 6 years, whichever comes first.

**TYPICAL TECHNICAL PROPERTIES**

PROPERTY	SPECIFICATION	ASTM TEST METHOD	ARCTIQ HD ELC RED
CHLORIDE	25 PPM, MAX.	D3634	<5
SPECIFIC GRAVITY, 60/60°F	1.065 MIN.	D1122	1.080
NITRITE	500 PPM MIN.	D5827	550
MOLYBDATE	500 PPM MIN.	D5827	550
BOILING POINT, 50% V/V	260°F/127°C MIN.	D1120	265°
FREEZING POINT, 50% V/V	-34°F/-36°C MIN.	D1177	-34°
EFFECT ON ENGINE OR VEHICLE FINISH	NO EFFECT	--	PASS
ASH CONTENT, MASS%	2.5 MAX.	D1119	2.0
pH, 50% V/V	8.0 - 9.5	D1287	8-8.5
RESERVE ALKALINITY*	3 MIN.	D1121	3-4
WATER MASS %	NONE SPECIFIED	D1123	49.0 MAX.
COLOR	DISTINCTIVE	--	RED
EFFECT ON NONMETALS	NO ADVERSE EFFECT	--	PASS
STORAGE STABILITY	NONE SPECIFIED	--	>1 YEAR
FOAMING	150 ml RISE, MAX. 5 SEC. BRK MAX	D1881	PASS

**INDUSTRY STANDARDS**

This ready-to-use antifreeze/coolant concentrate meets the following industry specifications:

- **ASTM D3306 (automotive/light-duty)**
- **ASTM D4985 (heavy duty diesel/low silicate)**
- **ASTM D6210 (fully formulated & precharged)**
- **TMC of ATA RP 329/338\***

\*The Maintenance Council of the American Trucking Association Antifreeze also meets the non-phosphate requirements of European OEM's and non-silicate requirements of Japanese OEM's.

**ARCTIQ HD ELC Red** meets the requirements of CAT EC-1, ASTM D6210, ASTM D4985, ASTM D3306, TMC of ATA RP329/RP338, SAE J1034 and many other OEM and industry specifications. It provides outstanding cylinder liner cavitation and pitting protection through the combination of organic acids and nitrite. It is compatible with all commonly-used plastics and elastomers found in gaskets, washers, seals and hoses. Additionally, ARCTIQ HD ELC Red is compatible with most extended-life and conventional coolants available in the market.

**PART NUMBERS**

	50/50	CONCENTRATE
<b>BULK</b>	02700301850/50116	0270030180CONC116
<b>TOTE</b>	02700301850/50106	0270030180CONC106
<b>DRUM</b>	02700301850/50089	0270030180CONC089
<b>6/1 G</b>	02700301850/50116	0270030180CONC116

Used antifreeze coolant in most states is not hazardous unless it contains more than 5 ppm of lead. We recommend that spent coolant never be disposed of by dumping into a storm sewer or onto the ground. Instead, contact your local municipality for instructions on where to and how to properly dispose of this coolant and protect our environment.. SUPPLYPRO, LLC assumes no responsibility for product misuse or improper application.

For a copy of this product's Safety Data Sheet (SDS) or Technical Data Sheet (TDS), visit [www.SUPPLYPRO1.com](http://www.SUPPLYPRO1.com)

