

EXTENDED LIFE **ORANGE I** ANTIFREEZE/COOLANT

IF YOU'RE A NORTH AMERICAN VEHICLE OWNER, YOU'VE FOUND YOUR MATCH WITH OEM EXTENDED LIFE **ORANGE I**.

Meeting or exceeding these particular vehicle specifications, OEM Extended Life ORANGE I Antifreeze/Coolant provides excellent high temperature aluminum protection and extended protection against rust, corrosion and pitting caused by cavitation for all coolant system metals. *When added as an initial fill and properly maintained in accordance with engine manufacturer's maintenance recommendation, OEM ORANGE I provides superior performance for use in these North American gasoline or light duty diesel vehicles.



APPLICATION	RECOMMENDED CHANGE INTERVAL
North American gasoline and light duty vehicles requiring a pure OAT engine coolant.	250,000 KM* or 5 years of service protection.
VEHICLE MAKES	COMPATIBILITY
Chevrolet, Cadillac, Buick, GMC, Hummer, Oldsmobile, Pontiac, Saturn, Saab, Chrysler†, Ford†	Compatible with other similarly formulated OAT coolants. For best results, do not mix with conventional high pH, borate, phosphate or silicate based coolants.
FORMULATION	PERFORMANCE FEATURE
Ethylene glycol based. Silicate, borate, nitrate, nitrite, phosphate & amine free.	Aluminum Compatible
PRODUCT COLOUR	PRODUCT OPTIONS
Orange	Concentrate and 50/50 Premixed
SPECIFICATION/PERFORMANCE LEVEL	RECOMMENDED FOR USE AND FULLY COMPATIBLE WITH PRODUCT MEETING
ASTM D3306; JIS K2234	GM 6277M

THE RIGHT **MATCH** FOR YOUR **VEHICLE**



CONCENTRATE

ITEM#	UNIT SIZE	UPC#	SCC#
29-3092-6	3.78 L	0-59934-90555-4	400-59934-90555-2



50/50 PREMIXED

ITEM#	UNIT SIZE	UPC#	SCC#
29-3082-0	3.78 L	0-56348-90469-4	400-56438-90469-2

ANTIFREEZE/DE-IONIZED WATER DILUTION CHART

PROTECTION AGAINST FREEZING (°C)	-37	-52	-64
VOLUME % ANTIFREEZE	50	60	70
VOLUME % DE-IONIZED WATER	50	40	30
**PROTECTION AGAINST BOIL-OVER (°C)	129	132	136

**WITH A 100 KILOPASCALS (15 PSI) RADIATOR CAP IN GOOD CONDITION

Never use 100% coolant in concentrated form. A 50% dilution (i.e. when mixed with an equal volume of high quality soft, de-ionized or distilled water) is generally recommended for the best balance of protection against freezing, corrosion and summer boil-over. For increased freeze protection in extremely cold areas, a 60% volume concentration can be used. Concentrations of greater than 70% by volume are not recommended.

Chrysler[†] – applicable on 2012 and newer models

Ford[†] – applicable on 2010 and newer models

^{††}Dexcool[®] is a registered trademark of General Motors Corporation.

TYPICAL PRODUCT PROPERTIES

CHARACTERISTIC	PERFORMANCE	TEST METHOD
pH	7.5–8.6	ASTM D1287
Specific gravity ^b	1.065–1.080	ASTM D1122
Freeze point (°C/°F)	-37/-34	ASTM D1177
Foam volume (ml)	150 max.	ASTM D1881
Foam break time (second)	5 max.	ASTM D1881
Reserve Alkalinity (ml)	1.5 max.	ASTM D1121
Chloride (ppm)	25 max.	ASTM D3634
Colour	Orange	
Glycol Content (wgt.%)	47 min.	
Inhibitors and Water Content (wgt.%)	53 max.	

Values shown are for 50/50 Premixed coolant. ^bMeasured at 15.6°C/60°F