

PolarZone™ Global ELC Extended Service Antifreeze/Coolant Gas and Light Duty Diesel Engines

Description

PolarZone™ Global ELC Extended Service Antifreeze/Coolant is an organic acid technology (OAT) product intended for use in all automobiles and light duty fleet applications regardless of make, model, year, or original antifreeze/coolant colour. This product is an extended life coolant suitable for use in European, Asian, and American automobiles which require phosphate and silicate-free antifreeze/coolant. Use this product in accordance with engine manufacturer's recommendations.

PolarZone™ Global ELC Extended Service Antifreeze/Coolant provides corrosion protection to all standard metals and non-metal cooling system components. This product does not require SCA's at initial fill and can provide a service life of 240,000kms (150,000miles) without the need for an extender.

Advantages

- Eliminates need for SCA's and chemically charged filters
- Superior multi-metal corrosion inhibitors
- DOES NOT contain nitrites, phosphates, amines, silicates, or 2EHA (NAPS free)
- Safe for elastomers used in hoses and gaskets

Applications

- Gas and light duty diesel engines

Meets or exceeds

- ASTM D6210, D3306

Suitable / Recommended for

- AUDI
- BMW MERCEDES BLATT 325.0
- BMW MERCEDES BLATT 325.2
- CHRYSLER MS-9769
- CHRYSLER MS-7170
- CHRYSLER MS-12106
- FORD
- FORD WSN-M97D18D
- FORD ESE-M97B44-A
- FORD WSE-M97B44-B
- FORD ESE-M97B18-C
- FORD WSS-M97B51-A1
- FORD WSS-M97B44-D
- FORD WSN-M97B18-D
- GM 6277M
- GMW3420
- HYUNDAI
- JIS K2234
- MAZDA MES MW 121D
- MERCEDES-BENZ
- MITSUBISHI
- PORSCHE TL-744C
- PORSCHE TL-744D
- SAAB 6901 599
- SUBARU
- SUZUKI 0F02
- TOYOTA TSK26016
- VOLVO
- VW TL-774D

Use and Storage

For best performance it is recommended concentrate be premixed with distilled, or deionized water. Always check your equipment manufacturer's specifications for antifreeze/coolant suitability. Glycol products typically have a shelf life of 5 years under ideal storage conditions. Keep packages closed while not in use, store in a cool and dry area. Store away from direct sunlight.

Typical Characteristics - Nemco PolarZone™ Global ELC Antifreeze/Coolant

Properties	Method	Performance	
		Global ELC Conc.	Global ELC 50:50
Colour	Appearance	Yellow	
SPG, 20°C	Internal	1.124	1.080
pH	ASTM D1287	8.0 - 9.0	8.0 - 9.0
Freeze point, °C(°F)	ASTM D3321	-15(5)	-37(-34.6)
Boiling point, °C(°F)	ASTM D3321	174(345)	107(225)
Glycol Content %	ASTM D3321	≥96	≥48
Nitrite, ppm	ASTM D5287	<10	<10

These characteristics are typical of current production, variations in these characteristics may occur.

Availability and product codes

Pack size	6x1.89L case	4x4L case	205L drum	1,000 Tote/Bulk
Global ELC concentrate	AFAFZ0145	AFAFZ0060	AFAFZ0061	Special Order
Global ELC 50:50	AFAFZ0150	AFAFZ0062	AFAFZ0063	
Availability	To order, contact us toll free 855-755-6737 or at orderdesk@nemco.ca			

Health, Safety, & Environment

GHS compliant Safety Data Sheets are available at nemco.ca under the Safety Data Sheets. For SDS in French, please contact info@nemco.ca. This material is WHMIS 2015 classified. The SDS contains valuable information critical to the safe handling and proper use of the product. Always take used glycol to an authorized collection point. Avoid discharge into drains, soil, or water. As with any chemical, keep out of reach of children and animals.

Quality

Nemco works with respected industry suppliers for coolant additives and our ethylene glycol meets ASTM E1177. Nemco Resources Limited manufacturing facility in Winnipeg, Manitoba is proud to be certified to ISO9001. For questions regarding quality, please contact your local sales representative.