

PolarZone™ Universal SCA Antifreeze/Coolant Gas and Light Duty Diesel Engines

Description

PolarZone™ Universal SCA Antifreeze/Coolant is an IAT (Inorganic Acid Technology), borate-based with nitrites product designed for use in automobile and light-duty applications. Precharged with an SCA (Supplemental Coolant Additive), there is no need to add additional SCA at initial fill or when topping off to compensate for SCA dilution. This product is compatible with SCAs and coolant filters.

PolarZone™ Universal SCA Antifreeze/Coolant is intended for use in older model domestic and foreign cars and light-duty trucks. This product can provide a service life of 800,000kms (500,000 miles) when properly maintained in accordance with engine manufacturers maintenance recommendations.

Advantages

- Fully-formulated; does NOT require initial charge of SCA
- Provides excellent cavitation-erosion and corrosion protection
- Does NOT contain phosphates
- Compatible with most major brands of conventional antifreeze

Applications

- Gas and light duty diesel engines
- Domestic and foreign, gas and light-duty diesel engines manufactured prior to 2002

Meets or Exceeds

- ASTM D6210, D4985, D3306

Suitable / Recommended for

- ALL MAKES/MODELS PRE-2002
- CASE MS-1710
- CHRYSLER: ALL PRE-2000
- CUMMINS CES 14603, 90T8-4
- DETROIT DIESEL 7SE298, 93K217
- FORD ESE-M97B44-A, C
- FORD: ALL PRE-2002
- GM 6038M
- GM 6043M
- GM 1825M
- GM 1899M
- GM: ALL PRE-1995
- JOHN DEERE 8650-5
- PACCAR
- TMC RP 329A, 329B, 302A/B/C
- VOLVO GM

Typical Characteristics - Nemco PolarZone™ Universal SCA Antifreeze/Coolant

Properties	Method	Performance	
		Universal SCA Conc.	Universal SCA 50:50
Colour	Appearance	Green	
Specific gravity, 20°C (°F)	Internal	1.112	1.07
Ph	D1287	10.5 - 11	10 - 10.5
Freeze point, °C(°F)	D3321	-16(3.2)	-37(-34.6)
Boiling point, °C(°F)	D3321	168(335)	106(223)
Glycol Content %	D3321	≥96	≥48

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

Availability and product codes

Pack size	12x1L case	6x1.89L case	4x4L case	205L drum	1,000 Tote/Bulk
Universal SCA Conc.	AEAFZ0004	AEAFZ0143	AEAFZ0007	AEAFZ0069	Special Order
Universal SCA 50:50	-	AEAFZ0151	AEAFZ0006	AEAFZ0068	
Availability	To order, contact us toll free 855-755-6737 or at orderdesk@nemco.ca				

Use and Storage

Coolant concentrate should be diluted prior to use. For best performance it is recommended coolant concentrate be premixed with distilled, deionized, or demineralized water. Dilution should not fall below a 40:60 (coolant/water) ratio at initial fill. Always check your vehicle manufacturer's specifications for coolant use. Coolant typically has a shelf life of 5 years under ideal storage conditions; keep packages closed while not in use, store in a cool and dry area.

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.