

ChevronTexaco Anti-Freeze/Coolant Extended Life

Category : Fluid

Material Notes:

750,000 miles on-road use (8 years or 15,000 hours off-highway use) on initial fill with no Extender needed. Additional Extended service life of 1,000,000 miles/20,000 hours/8 years with Extender added at 500,000 miles/10,000 hours/8 years. Improved corrosion protection and lower electrical conductivity. Reduced maintenance and related costs. No addition of supplemental coolant additives (SCAs) needed. No inhibitor testing required. Excellent protection against pitting, corrosion and erosion even on hard to protect metals like aluminum. Excellent heat transfer compared to silicate containing coolants. Improved water pump life due to no silicate formula. Excellent protection for all heavy duty engines including engines using EGR and ACERT technology. Protection against winter freeze-up and summer boil-over. Biodegradable in its unused form. Outstanding hot surface aluminum protection. Suitable for gasoline powered automotive and industrial engines. Compatible with conventional antifreeze. Dilution with conventional antifreeze will reduce extended life benefits. Texaco recommends that this product not be diluted by more than 25% with conventional coolants. Texaco Extended Life Coolant/Anti-Freeze is a single phase, ethylene glycol type heavy duty diesel engine coolant based on Texaco enhanced and patented extended life organic corrosion inhibitor system with nitrite and molybdate added. This product is recommended for freeze point adjustment and initial fill (dilute 50/50). The Texaco Extended Life Coolant/Anti-Freeze family is made up of three products: Texaco Extended Life Coolant/Anti-freeze concentrate is a glycol based product that contains patented carboxylate inhibitors. This product is recommended for use to adjust freeze point and for initial fill. For initial fill this product must be diluted. Texaco Extended Life Prediluted 50/50 Coolant/Anti-Freeze is a 50/50 dilution of Texaco ELC concentrate with deionized water. This product should be used as sold. The freeze point of Texaco ELC 50/50 is -34°F (-37°C). This product is recommended mainly for top-up. Texaco Extender is a re-charge for Texaco ELC in service coolant. It is to be added if a service life of greater than 750,000 miles/15,000 hours/8 years is needed. Addition of Texaco Extender at 500,000 miles/10,000 hours/4 years will extend service life out to 1,000,000 miles/20,000 hours/8 years. Texaco ELC exhibits a lower reserve alkalinity and lower pH when compared to traditional phosphate and borate containing coolants. These differences are due to the unique inhibitor package used in Texaco ELC and does not in any way compromise corrosion protection. ASTM (American Society of Testing and Materials) has recognized that RA is not a indicator of corrosion protection effectiveness and has removed all RA requirements for coolant/antifreeze products. Texaco Extended Life Coolant has lower pH and RA relative to traditional coolants. The pH change profile in service is a more important performance measure than the RA level. Texaco Extended Life Coolant/Anti-Freeze shows a typical pH reduction of less than 1.5 units in 160,000-kilometer fleet tests compared with a pH reduction of up to 3 units for traditional coolants. The freeze point of a coolant is a measure of how low the fluids temperature can go before it freezes. The ratio of glycol and water in an antifreeze/coolant will determine the freeze point. The easiest and most accurate way to measure freeze point is by using a refractometer. The freeze point of Texaco ELC should be maintained between -12°F (-37°C) and -62°F (-57.7°C). Texaco Extended Life Coolant System is a heavy-duty, ethylene glycol based engine coolant system which incorporates patented organic corrosion inhibitor technology. The Texaco ELC formula has been recently enhanced to provide longer service life, enhanced corrosion protection and lower electrical conductivity. CPS Number: 227997; MSDS Number: 10300

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-Anti-FreezeCoolant-Extended-Life.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.13 g/cc	1.13 g/cc	15/15°C

Physical Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Melting Point	-37.0 °C	-34.6 °F	50 vol % Aqueous Solution; ASTM D1177

Descriptive Properties	Value	Comments
Appearance	Red	
Glassware Corrosion Test, Aluminum	4	Weight loss, mg per coupon¹
Glassware Corrosion Test, Brass	3	Weight loss, mg per coupon¹
Glassware Corrosion Test, Copper	2	Weight loss, mg per coupon¹
Glassware Corrosion Test, Iron	1	Weight loss, mg per coupon¹
Glassware Corrosion Test, Solder	0	Weight loss, mg per coupon¹
Glassware Corrosion Test, Steel	-1	Weight loss, mg per coupon¹
Reserve Alkalinity (mL)	6	ASTM D1121
Silicate %	None	As Anhydrous Alkali Metasilicate

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