

PREFERRED LUBRICANTS™ ANTIFREEZE/ COOLANT

ALL MAKES ALL MODELS UNIVERSAL ANTIFREEZE & COOLANTS OAT LIGHT-DUTY,
EXTENDED LIFE



PRODUCT DESCRIPTION

PREFERRED LUBRICANTS™ All Makes/All Models Universal Gold extended life antifreeze/coolant contains a mixture of proprietary organic acid technology (OAT) inhibitor system that is significantly more durable than conventional additive systems for automotive, light duty use, resulting in a 5-year, 150,000 mile service life. It is suitable for use in foreign and domestic passenger cars, vans, SUVs and light trucks requiring extended life antifreeze. **PREFERRED LUBRICANTS™ Universal Gold** contains no borate, nitrate, nitrite, phosphates, silicates, or amines. It is compatible with all organic acid extended life coolants and conventional coolants. Additionally, this antifreeze contains inhibitors that protect all cooling system metals. Together with the glycol base, these inhibitors combined with other additives, give year-round protection against freeze-ups, boil-overs and engine cooling system corrosion. This antifreeze also includes ingredients to control hot surface scaling and it will not damage auto finishes or rubber parts and can be incidentally mixed with most major brands of OAT and antifreezes without problems.

TYPICAL TECHNICAL PROPERTIES

PROPERTY	SPECIFICATION	ASTM TEST METHOD	UNIVERSAL GOLD
CHLORIDE	25 PPM, MAX.	D3634	3
SPECIFIC GRAVITY, 60/60°F	1.065 MIN.	D1122	1.070
BOILING POINT, 50% V/V	226°F/107°C MIN.	D1120	229°
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
RESERVE ALKALINITY*	NONE SPECIFIED	D1121	3 MIN.
WATER MASS %	NONE SPECIFIED	D1123	49.0 MAX.
COLOR	DISTINCTIVE	--	YELLOW
EFFECT ON NONMETALS	NO ADVERSE EFFECT	--	PASS
STORAGE STABILITY	NONE SPECIFIED	--	>1 YEAR
FOAMING	150 ml RISE, MAX. 5 SEC. BRK MAX	D1881	PASS

* Reserve alkalinity (RA) is a value agreed between the customer and supplier. The RA listed above is the typical for the additive package being used.

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. LOTTOIL, 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.LOTTOIL.com

INDUSTRY STANDARDS

This extended-life antifreeze/coolant concentrate meets the following industry specifications:

- **ASTM D3306 (automotive/light-duty)** ▪ **Mack** ▪ **Case**
- **PACCAR** ▪ **Volvo** ▪ **John Deere** ▪ **Detroit Diesel**
- **Kenworth** ▪ **Thermo King** ▪ **Freightliner**
- **GM 1825M & 1899M** ▪ **TMC RP329** ▪ **Thermo King**
- **International** ▪ **GMC Truck** ▪ **Caterpillar**

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.

PART NUMBERS

	50/50	CONCENTRATE
TOTE	999058-B	999059-B
DRUM	999058-55	999059-55
6/1 G	999058-6	999059-6

ABOVE CHART BASED ON USING A 15 PSI RADIATOR CAP

INGREDIENTS: WATER (7732-18-5), ETHYLENE GLYCOL (107-21-1), DIETHYLENE GLYCOL (111,46-6), PROPRIETARY CORROSION INHIBITORS, DYE AND BITTERING AGENTS.