

# Motosel LIGHT DUTY GOLD CONCENTRATE

## UNIVERSAL GOLD ANTIFREEZE & COOLANT

### MOTOSEL Light Duty Gold Concentrate Antifreeze & Coolant

Used as directed, offers superior performance in virtually every light duty application. The proprietary inhibitor package is low silicate and phosphate and 2-EH free. Can be used as a top-off but to achieve maximum protection a complete flush and fill should be performed. Motosel Premium Antifreeze provides protection against:

- Freeze-up
- Sludge/Clogging
- Rusting
- Scale Build Up
- Boil Over
- Corrosion

### Specifications

Motosel Light Duty Gold Concentrate Antifreeze is blended with proprietary additives designed to safely meet the performance specifications of (but not limited to):

- ASTM D-3306
- JIS K 2234
- GM 1825M
- GM 1899M
- Chrysler MS 7170
- Ford ESE-M97B44-A

### Advantages

- Meets Light Duty ASTM D-3306
- Hybrid chemistry with long-life technology.
- Recommended for use in all domestic and European models.
- Phosphate free and low silicate - the choice for Japanese and Korean models.
- Light Duty - 5 years/150,000 miles
- Compatible with any color antifreeze.
- For safety purposes all Motosel antifreeze is blended with a bittering agent.

## TYPICAL PROPERTIES

DESCRIPTION	TYPICAL VALUES	TEST METHOD
Appearance	Visual	Gold/Yellow
Specific Gravity at 60/60°F	1.085-1.150	D 1122
Freeze Point, at 50% max	-34°F	D-3321
pH at 50% Solution	8.5-10.0	D-1287
Reserve Alaklinity min.	6	D-1121
Foam Test	150ml/5 sec	D-1881

FREEZE/BOIL PROTECTION CHART USING A 15PSI PRESSURE CAP	% OF COOLING SYSTEM CAPACITY	PROTECTS FROM	
		FREEZING DOWN TO	BOILING UP TO*
	40	-10 °F	259 °F
	50	-34 °F	265 °F
	60	-62 °F	270 °F

Test Method ASTM - Typical test data are average values only. Minor variations, which do not affect performance, may occur.

COOLING SYSTEM CAPACITY IN QUARTS	QUARTS OF ANTIFREEZE REQUIRED FOR PROTECTION TO TEMPERATURE (°F) SHOWN										
	3	4	5	6	7	8	9	10	11		
8	-7	-34									
9	0	-21	-50								
10	4	-12	-34	-62							
11	8	-6	-23	-47							
12	10	0	-15	-34	-57						
13		3	-9	-25	-45						
14		6	-5	-18	-34	-54					
15		8	0	-12	-26	-43	-62				
16		10	2	-8	-19	-34	-52				
17			5	-4	-14	-27	-42	-58			
18			7	0	-10	-21	-34	-50	-62		
19			9	2	-7	-16	-28	-42	-56		
20			10	4	-3	-12	-22	-34	-48		

FOR BEST OVERALL PROTECTION, SOLUTION STRENGTHS WITHIN THE **YELLOW** COLOR BAND ARE RECOMMENDED.



**HANDLING AND SAFETY INFORMATION** - Refer to MOTOSEL (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.



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