

iLAST™ EXTENDED LIFE

Light Duty Gold Antifreeze/Coolant Concentrate

iLAST LIGHT DUTY GOLD ANTIFREEZE CONCENTRATE, when used as directed, provides superior performance in virtually every light-duty application. The proprietary extended-life inhibitor package is low-silicate and phosphate and 2-EH free. It can be used as a top-off, but to achieve maximum protection, a complete flush and fill should be performed. iLast Light Duty Gold Antifreeze provides complete all-season protection against:

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

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 iLAST antifreeze is blended with a bittering agent.

Specifications

iLast Light Duty Gold 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



V251121

TYPICAL PROPERTIES

| DESCRIPTION | TYPICAL VALUES | TEST METHOD |
|-----------------------------|----------------|-------------|
| Appearance | Visual | Gold/Yellow |
| Specific Gravity at 60/60°F | 1.085 - 1.150 | ASTM D1122 |
| Freeze Point, at 50% max | -34°F | ASTM D3321 |
| pH at 50% Solution | 8.5 - 10.0 | ASTM D1287 |
| Reserve Alkalinity min. | 6 | ASTM D1121 |
| Foam volume (ml) | 150ml/5 sec | ASTM D1881 |

Available in Gallons, Drums, Totes, and Bulk.

| FREEZE/BOIL PROTECTION CHART | % of Cooling System capacity | | PROTECTS FROM | |
|------------------------------|------------------------------|----|------------------|----------------|
| | 40 | 50 | Freezing Down to | Boiling Up to* |
| Using a 15 PSI Pressure Cap | 50 | 60 | -10 °F | 259 °F |
| | 60 | | -34 °F | 265 °F |
| | | | -62 °F | 270 °F |

| 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.

50% SOLUTION RECOMMENDED TO OBTAIN MAXIMUM PROTECTION. DO NOT EXCEED 70% CONCENTRATION OF ANTIFREEZE.