

- **ENGINE COOLANT—PROPYLENE GLYCOL—FORD MOTOR COMPANY POSITION ON ENGINE COOLANTS MADE FROM PROPYLENE GLYCOL**
- **ENGINE COOLANT—PROPYLENE GLYCOL-BASED—FORD MOTOR COMPANY POSITION ON PROPYLENE GLYCOL-BASED ENGINE COOLANTS**

**Article No.  
01-23-6**

- FORD:** 1989-1993 FESTIVA  
 1989-1994 TEMPO  
 1989-1997 PROBE, THUNDERBIRD  
 1989-2002 CROWN VICTORIA, ESCORT, MUSTANG, TAURUS  
 1994-1997 ASPIRE  
 1995-2000 CONTOUR  
 2000-2002 FOCUS  
 2002 THUNDERBIRD  
 1989-1990 BRONCO II  
 1989-1996 BRONCO  
 1989-1997 AEROSTAR, F SUPER DUTY  
 1989-2002 ECONOLINE, F-150, RANGER  
 1991-2002 EXPLORER  
 1995-2002 WINDSTAR  
 1997-2002 EXPEDITION  
 1999-2002 SUPER DUTY F SERIES  
 2000-2002 EXCURSION  
 2001-2002 ESCAPE, EXPLORER SPORT TRAC, EXPLORER SPORT  
 2000-2002 F-650, F-750
- LINCOLN:** 1989-1992 MARK VII  
 1989-2002 CONTINENTAL, TOWN CAR  
 1993-1998 MARK VIII  
 2000-2002 LS  
 1998-2002 NAVIGATOR  
 2002 BLACKWOOD
- MERCURY:** 1989-1994 TOPAZ  
 1989-1997 COUGAR  
 1989-2002 GRAND MARQUIS, SABLE  
 1991-1994 CAPRI  
 1991-1999 TRACER  
 1995-2000 MYSTIQUE  
 1999-2002 COUGAR  
 1993-2002 VILLAGER  
 1997-2002 MOUNTAINEER
- MERKUR:** 1989 SCORPIO, XR4TI

## Article No. 01-23-6 Cont'd.

This article is being republished in its entirety to update the model year coverage.

### **ISSUE**

This TSB article describes Ford Motor Company's position on the use of propylene glycol-based engine coolants.

### **ACTION**

Ford Motor Company does not recommend nor endorse the use of engine coolants made with propylene glycol in Ford vehicles. Ford Motor Company currently recommends the use of ethylene glycol-based engine coolants.

Published information suggests that engine coolants made with propylene glycol may provide engine cooling performance equivalent to engine coolants made with ethylene glycol. However, different brands of engine coolant provide varying corrosion protection for the cooling system. Ford does not have performance data for the multitude of engine coolants available in the aftermarket and therefore cannot recommend the use of any coolant except those sold by Ford Customer Service Division. Consult the vehicle's Owner's Guide to determine the appropriate Ford Customer Service Division coolant for the vehicle.

Furthermore, claims of toxicological and environmental advantages of propylene glycol over ethylene glycol may be misleading. When significant new information is developed, Ford will review this policy.

Ford Motor Company specifications recommend that vehicles be maintained using certain ethylene glycol-based engine coolants. Those specifications do not refer to engine coolants made with propylene glycol. Although the Ford New Vehicle Limited Warranty is not automatically voided upon the use of a coolant made with propylene glycol, if such use results in damage to the vehicle or its components, the cost of repairing the damage would not be covered by the Ford New Vehicle Limited Warranty.

**OTHER APPLICABLE ARTICLES:** NONE

**SUPERSEDES:** 96-16-4

**WARRANTY STATUS:** INFORMATION ONLY

**OASIS CODES:** 402000