

Motorcraft® Antifreeze/Coolants

Including Motorcraft® Prediluted Antifreeze/Coolants



Motorcraft® Antifreeze/Coolant - Now Conveniently PREDILUTED

Motorcraft® Premium, Gold and Orange Antifreeze/Coolants are now available pre-mixed 50/50 with deionized water. The 50/50 mixture helps ensure vehicles get optimal corrosion, freeze and overheat protection and minimizes possible mix errors by technicians.

Convenient & Cost-Effective

- No need to obtain and search the shop for distilled or deionized water
- Optimum corrosion, freeze and overheat protection
- Ready-to-pour, no mixing required
- Orange, Gold or Premium, Motorcraft® has you covered for most Ford, Lincoln or Mercury applications

Features

- Meets Ford Motor Company warranty requirements
- Provides freeze protection to -34 °F (-37 °C)
- Provides anti-boil protection to 265 °F (129 °C)
- Available in convenient 1 gallon bottles or 55 gallon drums for shop use
- All Motorcraft® Prediluted Antifreeze/Coolants are priced to sell

Motorcraft® – the ONLY Antifreeze/Coolants Recommended by Ford Engineers for Ford, Lincoln and Mercury Vehicles

Motorcraft® antifreeze/coolants meet specific Ford Motor Company engineering standards. They have been subjected to extensive in-vehicle testing in the applications for which they have been approved.



Products pictured above will become available in the upcoming months.

Motorcraft® Answers some of your Antifreeze/Coolant FAQs

Can “universal” antifreeze/coolants really be used in all vehicle applications?

- Due to the complexity and technology advances of today’s cooling systems, no one antifreeze/coolant has been proven to work in all vehicles
- Most universal antifreeze/coolants do not contain the silicates or nitrites required in vehicles using Motorcraft® Gold Antifreeze/Coolant or Premium Antifreeze/Coolant
- The use of an improper antifreeze/coolant may harm the engine and cooling system components

What may be some of the consequences of using the wrong antifreeze/coolant?

- Reduced corrosion protection of cooling system components
- Incompatibility with engine gasket materials and o-rings
- Corrosive attack of aluminum components
- Cylinder wall cavitation and engine block damage
- Potential water pump issues
- Plugging of small coolant passageways

What are the primary antifreeze/coolant types Ford recommends for use in its vehicles?

- For complete, detailed usage/application information visit www.fcsdchemicalsandlubricants.com, click “Quick Reference Charts” and select “Motorcraft® Engine Antifreeze/Coolants and Other Engine Cooling System Products Usage Charts” or refer to the charts on the following pages
- For most pre-2002 MY applications, Motorcraft® Premium Concentrated Antifreeze/Coolant or Motorcraft® Premium Prediluted Antifreeze/Coolant are recommended
 - Fluorescent green-colored
 - For use in gas or diesel engines
 - Meet Ford specification ESE-M97B44-A
- For most 2002-2010 MY applications, Motorcraft® Gold Concentrated Antifreeze/Coolant or Motorcraft® Gold Prediluted Antifreeze/Coolant are recommended
 - Yellow-colored
 - For use in gas or diesel engines
 - Meet Ford specification WSS-M97B51-A1
- For select 2009-2012 MY applications, Motorcraft® Specialty Green Engine Coolant (Concentrated) is recommended
 - Dark green-colored
 - For use in gas engines
 - Meets Ford specification WSS-M97B55-A
- For most 2012 and forward applications, Motorcraft® Orange Concentrated Antifreeze/Coolant or Motorcraft® Orange Prediluted Antifreeze/Coolant are recommended
 - Orange-colored
 - For use in gas or diesel engines
 - Meet Ford specifications
 - WSS-M97B44-D (Concentrated)
 - WSS-M97B44-D2 (Prediluted)

Motorcraft® Antifreeze/Coolant Offerings

Prediluted Antifreeze/Coolant			
Part Description	Part Number	List Price	Our Price
Orange Prediluted Antifreeze/Coolant - Gallon	VC-3DIL-B		
Orange Prediluted Antifreeze/Coolant - Drum	VC-3DIL-BD		
Premium Prediluted Antifreeze/Coolant - Gallon	VC-5DIL		
Premium Prediluted Antifreeze/Coolant - Drum	VC-5DIL-B		
Gold Prediluted Antifreeze/Coolant - Gallon	VC-7DIL-B		
Gold Prediluted Antifreeze/Coolant - Drum	VC-7DIL-D		



Concentrated Antifreeze/Coolant			
Part Description	Part Number	List Price	Our Price
Orange Concentrated Antifreeze/Coolant - Gallon	VC-3-B		
Orange Concentrated Antifreeze/Coolant - Drum	VC-3-D		
Premium Concentrated Antifreeze/Coolant - Gallon	VC-5		
Gold Concentrated Antifreeze/Coolant - Gallon	VC-7-B		
Gold Concentrated Antifreeze/Coolant - Drum	VC-7-D		
Specialty Green Engine Coolant - Gallon	VC-10-A2		

— Ford Engineering: Use only distilled or deionized water to dilute concentrated Antifreeze/Coolant.

Antifreeze/Coolant Usage - Ford Vehicles



Motorcraft® Engine Antifreeze/Coolants - Usage Chart

Vehicle	Model Year(s)									
	Pre-1999	1999-2001	2002	2003	2004-2008	2009	2010	2011	2012	2013 and forward
Ford										
C-MAX Hybrid/Energi	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	O
Crown Victoria	G	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y	Y	N/A	N/A
Econoline (E-Series)	G	G	G (prior to 1/7/02) Y (from 1/7/02)	Y	Y	Y	Y	Y	Y	Y
Edge	N/A	N/A	N/A	N/A	Y	Y (prior to 1/19/09) DG (from 1/19/09)	DG	DG (prior to 7/11/11) O (from 7/11/11)	O	O
Escape (including Hybrid)	N/A	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y	Y	Y (prior to 11/16/10) O (from 11/16/10)	O	O
Escort	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	N/A	N/A	N/A	N/A	N/A	N/A
Excursion	N/A	G	Y	Y	Y	N/A	N/A	N/A	N/A	N/A
Expedition	G	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y (prior to 2/22/10) O (from 2/22/10)	O	O	O
Explorer, Explorer Sport, and Explorer Sport Trac	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y	Y	DG (prior to 7/11/11) O (from 7/11/11)	O	O
F150 - F550 (Cuautillan Plant)	G	G	G (prior to 2/4/02) Y (from 2/4/02)	Y	Y	Y	N/A	N/A	N/A	N/A
F250 - F550 (Kentucky Truck Plant)	G	G	Y	Y	Y	Y	Y	O	O	O
F150 - F550 (All other plants)	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y	Y	O	O	O
Fiesta	N/A	N/A	N/A	N/A	N/A	N/A	N/A	O	O	O
Flex	N/A	N/A	N/A	N/A	N/A	Y (prior to 1/19/09) DG (from 1/19/09)	DG	DG	DG (prior to 7/11/11) O (from 7/11/11)	O
Freestar	N/A	N/A	N/A	N/A	Y	N/A	N/A	N/A	N/A	N/A
Focus	N/A	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y	Y	Y	O	O
Focus Electric	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	O	O
Fusion (including Hybrid and Energi)	N/A	N/A	N/A	N/A	Y	Y	Y (prior to 7/6/09) DG (from 7/6/09)	DG	DG (prior to 8/15/11) O (from 8/15/11)	O
Motorhome F-53 / F-59	G	G	Y	Y	Y	Y	Y	Y	Y	Y (2013 - 2014) O (2015 and forward)
Mustang (including Cobra, Shelby GT500, Boss 302, etc.)	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y	Y	O	O	O
Ranger	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y	Y	Y	N/A	N/A
Ranger Electric	N/A	G	G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Taurus	G	G	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	Y (prior to 5/18/09) DG (from 5/18/09)	DG	DG (prior to 7/11/11) O (from 7/11/11)	O	O
Thunderbird	N/A	N/A	G (prior to 7/15/02) Y (from 7/15/02)	Y	Y	N/A	N/A	N/A	N/A	N/A
Transit Connect	N/A	N/A	N/A	N/A	N/A	N/A	O	O	O	O
Windstar	G	G	G	G (prior to 7/15/02) Y (from 7/15/02)	N/A	N/A	N/A	N/A	N/A	N/A
All other vehicles not otherwise noted	G	G	N/A	N/A	Y	Y	N/A	N/A	N/A	O

Antifreeze/Coolant - Lincoln and Mercury Vehicles



Motorcraft® Engine Antifreeze/Coolants - Usage Chart

Vehicle	Model Year(s)									
	Pre-1999	1999-2001	2002	2003	2004-2008	2009	2010	2011	2012	2013 and forward
Lincoln										
Aviator	N/A	N/A	N/A	Y	Y	N/A	N/A	N/A	N/A	N/A
Blackwood	N/A	G	G (prior to 7/15/02)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Y (from 7/15/02)							
Continental	G	G	G (prior to 7/15/02)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
			Y (from 7/15/02)							
LS	N/A	G	G (prior to 7/15/02)	Y	Y	N/A	N/A	N/A	N/A	N/A
			Y (from 7/15/02)							
MKS	N/A	N/A	N/A	N/A	N/A	Y (prior to 5/18/09)	Y (prior to 5/18/09)	DG (prior to 7/11/11)	O	O
						DG (from 5/18/09)	DG (from 5/18/09)	O (from 7/11/11)		
MKT	N/A	N/A	N/A	N/A	N/A	N/A	DG	DG	DG (prior to 7/11/11)	O
									O (from 7/11/11)	
MKX	N/A	N/A	N/A	N/A	Y	Y (prior to 1/19/09)	DG	DG (prior to 7/11/11)	O	O
						DG (from 1/19/09)		O (from 7/11/11)		
MKZ (including Hybrid)	N/A	N/A	N/A	N/A	Y	Y	Y (prior to 7/6/09)	DG	DG (prior to 8/15/11)	O
						DG (from 7/6/09)	O (from 8/15/11)			
Navigator	G	G	G	G (prior to 7/15/02)	Y	Y	Y (prior to 2/22/10)	O	O	O
			Y (from 7/15/02)	O (from 2/22/10)						
Town Car	G	G	G	G (prior to 7/15/02)	Y	Y	Y	Y	N/A	N/A
			Y (from 7/15/02)							
All other vehicles not otherwise noted	G	N/A	N/A	N/A	Y	N/A	N/A	N/A	N/A	O
Mercury										
Cougar	G	O	O	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grand Marquis	G	G	G	G (prior to 7/15/02)	Y	Y	Y	Y	N/A	N/A
			Y (from 7/15/02)							
Sable	G	G	G (prior to 7/15/02)	Y	Y	Y (prior to 5/18/09)	N/A	N/A	N/A	N/A
			Y (from 7/15/02)			DG (from 5/18/09)				
Marauder	N/A	N/A	N/A	G (prior to 7/15/02)	Y	N/A	N/A	N/A	N/A	N/A
			Y (from 7/15/02)							
Mariner	N/A	N/A	N/A	N/A	Y	Y	Y	Y (prior to 11/16/10)	N/A	N/A
							O (from 11/16/10)			
Milan	N/A	N/A	N/A	N/A	Y	Y	Y (prior to 7/6/09)	DG	N/A	N/A
							DG (from 7/6/09)			
Monterey	N/A	N/A	N/A	N/A	Y	N/A	N/A	N/A	N/A	N/A
Mountaineer	G	G	G (prior to 7/15/02)	Y	Y	Y	Y	N/A	N/A	N/A
			Y (from 7/15/02)							
All other vehicles not otherwise noted	G	G	G	N/A	Y	N/A	N/A	N/A	N/A	N/A

Notes:

The engine antifreeze/coolant usage noted in the chart above applies to all engine types (e.g., gasoline and diesel) available for a particular vehicle.

G = Green-colored engine coolant meeting Ford specification ESE-M97B44-A (Motorcraft® Premium Antifreeze/Coolant)

O = Orange-colored engine coolant meeting Ford specification WSS-M97B44-D2 or WSS-M97B44-D (Motorcraft® Orange Prediluted Antifreeze/Coolant)

Y = Yellow-colored engine coolant meeting Ford specification WSS-M97B51-A1 (Motorcraft® Gold Antifreeze/Coolant)

DG = Dark green-colored engine coolant meeting Ford specification WSS-M97B55-A (Motorcraft® Specialty Green Engine Coolant)