

Ethylene Glycol (EG) Coolants North American Market	Color	Inhibitor Packages										Meets Specifications							
		Light Duty		Heavy Duty				Notes				OEM						Other	
		Conv. High Silicate	Conv. Low Silicate w/o SCA	Conv. Full Form W/ SCA	Hybrid-HOAT	OAT (2-eh acid)	OAT (other org acid)	W/O silicate	W/O phos-phate	W/O Borate	Full OAT	Daimler Chrysler	Ford	GM	Cat	Cummins	DDC	TMC RP329	ASTM D6210
Passenger Car High Silicate	Green	X										<2003	<2003	<1995					
Artic Blend Universal	Green		X									<2003	<2003	<1995					
Fleetguard Univ. Low Silicate	Green		X									<2003	<2003	<1995					
Fleetguard Universal Rec. Cool.	Green		X									<2003	<2003	<1995					
Shell Shellzone Low Silicate	Green		X									<2003	<2003	<1995					
Universal Low Silicate	Green		X									<2003	<2003	<1995					
Artic Blend HD Fully Formulated	Pink			X					X						X	X	X	X	X
CAT Diesel Engine A/F Cool.	Pink			X					X						X	X	X	X	X
Detroit Diesel PowerCool	Pink			X					X						X	X	X	X	X
Fleetguard ES Compleat	Blue			X											X	X	X	X	X
Fleetguard Fleetcool	Pink			X					X						X	X	X	X	X
Fleetguard Fleetcool Rec. Cool.	Green			X					X						X	X	X	X	X
Old World Fleet Charge	Pink			X					X						X	X	X	X	X
Prestone Heavy Duty	Pink			X					X						X	X	X	X	X
Artic Blend G-Plus	Yellow				X							X	X					X	X
Daimler Chrysler/Mopar 2003	Orange				X				X			X	X						
Fleetguard Fleetcool EX	Pink				X				X						X	X	X	X	X
Ford Motorcraft Premium Gold	Yellow				X							X	X						
Peak CF-EXL Ext. Life Cool.	Yellow				X							X	X					X	X
Valvoline Zerex G-05	Yellow				X							X	X						
CAT ELC	Red					X		X	X	X	X				X	X**	X	X	X
Chevron Tex. Delo Ext. Life Cool.	Red					X		X	X	X	X				X	X**	X	X	X
GM Dex-Cool	Orange					X		X	X	X	X			X					
Prestone Extended Life 5/150	Orange					X		X	X	X	X			X					
Shell Rotella Extended Life Cool.	Red					X		X	X	X	X				X	X**	X	X	X
Texaco Havoline Dex-Cool	Orange					X		X	X	X	X			X					
Texaco Havoline Ext. Life Cool.	Red					X		X	X	X	X				X	X**	X**	X	X
Valv. Zerex ExtremeLife 5/150	Orange					X			X	X	X			X					
Valv. Zerex EL Extreme 3/300	Red					X			X	X	X				X	X	X	X	X
Detroit Diesel PowerCool Plus	Red						X	X	X	X	X				X	X	X		X
Old World Final Charge	Red						X	X	X	X	X				X	X	X		X
Fleetguard ES Opimax	Red						X	X	X	X	X				X	X	X		X
Compatibility***																			
Conventional High Silicate		X																	
Conv. Low Silicate w/out SCA			X																
Conv. Fully Formulated w/ SCA				X	X														
Hybrid (HOAT)				X	X	X	X												
OAT (2-ethyl-hexanoic acid)						X	X												
OAT (other organic acid)						X	X												

Comments

*Do not use SCA with conventional high silicate antifreezes

**Requires special silicate additive liquid or silicate filter to protect certain gasket materials

***Mixing different types of antifreezes can reduce corrosion protection. Engine manufacturers recommend a 10% limit on mixing coolant types.



The Penray Companies, Inc.
Elk Grove Village, IL

Ph: 800.322.2143 Fax: 800.346.8454
mail@penray.com www.penray.com