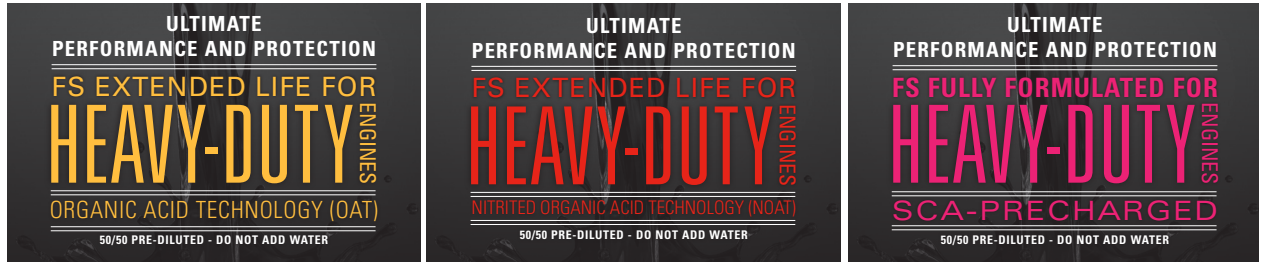


FS COOLANT/ANTIFREEZE SELECTION GUIDE



FSSystem.com

FS Extended Life Organic Acid Technology (OAT) Coolant/Antifreeze

FS Extended Life NOAT Coolant/Antifreeze

FS Fully Formulated Coolant/Antifreeze

<p>Features and Benefits</p>	<p>Premium organic acid technology</p> <p>Heavy-duty and light-duty diesel and gasoline applications</p> <p>Eliminates the need for supplemental coolant additives (SCAs) and coolant filters</p> <p>Provides superior long-term elastomer compatibility</p> <p>Prevents pitting caused by cavitation and corrosion of brass, copper, solder, steel, cast iron, and aluminum</p> <p>Extended service life – up to 1,000,000 miles 8 years or 20,000 hours protection*</p> <p>Free of phosphates, silicate, nitrites, amines, and borates</p> <p>Compatible with most major OEM brands of extended life coolant</p> <p>Provides maximum freeze-up and boil-over protection</p> <p>Available as pre-diluted (50/50) or as concentrate</p>	<p>Premium organic acid technology containing nitrite</p> <p>Contains better heat transfer properties than conventional coolants requiring SCAs</p> <p>Prevents pitting caused by cavitation and corrosion of brass, copper, solder, steel, cast iron, and aluminum</p> <p>Extended service life – up to 1,000,000 miles 8 years or 20,000 hours of off-road protection*</p> <p>Free of phosphates, silicates, and amines</p> <p>Compatible with most major brands of extended life OAT-type coolant/antifreeze</p> <p>Available as pre-diluted (50/50) or as concentrate</p> <p>Extender may be needed based on test results</p>	<p>Conventional technology; SCA precharged</p> <p>Protects against winter freezing and summer boil over</p> <p>Prevents pitting caused by cavitation and corrosion of brass, copper, solder, steel, cast iron, and aluminum</p> <p>No initial SCA precharge required, but will require SCA maintenance</p> <p>Phosphate-free, low-silicate formula</p> <p>Compatible with most major brands of conventional coolants, with and without the addition of SCAs</p> <p>Available as pre-diluted (50/50) or as concentrate</p>
<p>Package Offerings</p>	<p>6 x 1 gallon 5-gallon pail 30-gallon drum 55-gallon drum 265-gallon tote</p>	<p>6 x 1 gallon 5-gallon pail 30-gallon drum 55-gallon drum 265-gallon tote</p>	<p>6 x 1 gallon 5-gallon pail 30-gallon drum 55-gallon drum 265-gallon tote</p>
<p>Aluminum Compatibility</p>	<p>Yes</p>	<p>Yes</p>	<p>Yes</p>
<p>Contains Bitterant</p>	<p>Yes</p>	<p>Yes</p>	<p>Yes</p>
<p>Base Fluid</p>	<p>100% Virgin Ethylene Glycol</p>	<p>100% Virgin Ethylene Glycol</p>	<p>100% Virgin Ethylene Glycol</p>
<p>pH, 50% Volume Solution</p>	<p>8.2-9.0</p>	<p>8.2-8.8</p>	<p>10.2-10.8</p>
<p>Product Color</p>	<p>Yellow</p>	<p>Red</p>	<p>Pink</p>
<p>Specifications, Approvals & Recommendations**</p>	<p>ASTM D3306 ASTM 6210 CAT EC-1 SAE J1941 TMC RP329</p> <p>To view a complete listing of product specifications, visit GoFurtherGoFS.com.</p> <p>Meets most performance requirements but may or may not meet certain chemical requirements.</p>	<p>ASTM D3306 ASTM 6210 CAT EC-1 SAE J1941 TMC RP329</p> <p>To view a complete listing of product specifications, visit GoFurtherGoFS.com.</p> <p>Meets most performance requirements but may or may not meet certain chemical requirements.</p>	<p>ASTM D3306 ASTM 6210 SAE J1941 TMC RP329</p> <p>To view a complete listing of product specifications, visit GoFurtherGoFS.com.</p> <p>Meets most performance requirements but may or may not meet certain chemical requirements.</p>
<p>Recommended Change Interval</p>	<p>Up to 1,000,000 miles 8 years or 20,000 hours*</p>	<p>Up to 1,000,000 miles 8 years or 20,000 hours*</p>	<p>Varies: Recommended to maintain conventional technology every 25,000 miles</p>

*HD Extender may be needed based on test results.



FS Fully Formulated (SCA precharged)
 FS Extended Life NOAT
 FS Extended Life OAT

Application: A - Automotive, HD - Heavy-Duty

Polyfreeze Long Life (Polyfreeze)*	A	✓		
DEX-COOL® (RFT)*	A	✓		
Zerex GO-5 (Valvoline)	A&HD	✓		
RAD Global Clear (Hall-Chem)	A&HD	✓		
Pah Nol Gold (Houghton Chemical)	A&HD	✓		
ThermoGard Universal Extended Life (Marcus Products)	A&HD	✓		
Fleet Charge SCA Pre-Charged (OWI)	HD	✓		✓
Prestone Heavy Duty (Prestone)	HD	✓		✓
Shell Fully Formulated SCA (Shell)	HD	✓		✓
Chevron Heavy Duty Phosphate Free (Chevron)	HD	✓		✓
Chevron HDAX (Chevron)	HD	✓		✓
CAT (DEAC)	HD	✓		✓
Castrol Heavy Duty with SCA (Castrol)	HD	✓		✓
Security Heavy Duty Antifreeze & Summer Coolant (Houghton Chemical)	HD	✓		✓
FleetCool EG (Cummins Filtration)	HD	✓		✓
FleetCool EX EG (Cummins Filtration)	HD	✓		✓
Super S Fleet (Smitty's Supply)*	HD	✓		✓
Turbo Power HD Diesel (RecoChem)	HD	✓		✓
Pre-Charged (Coolants Plus)	HD	✓		✓
MacGuard 2792 Heavy Duty Antifreeze & Summer Coolant (Houghton Chemical)	HD	✓		✓
Pride 1000 & 500 (Coastline Packaging)*	HD	✓		✓
Super S Antifreeze (Smitty's Supply)*	HD	✓		✓
RAD 3000 (Hall-Chem)	HD	✓		✓
Super Diesel (Hall-Chem)	HD	✓		✓
PAR Coolant Plus (KMCO)*	HD	✓		✓
Conventional (RFT)*	HD	✓		✓
ALL Temp (Marcus Products)	HD	✓		✓
ThermoGard (Marcus Products)	HD	✓		✓
ES Compleat EG (Cummins Filtration)	HD	✓		
Final Charge NOAT (OWI)	HD	✓	✓	
Prestone Heavy Duty Extended Life (Prestone)	HD	✓	✓	
Shell Rotella ELC (Shell)	HD	✓	✓	
Chevron Delo Extended Life (Chevron)	HD	✓	✓	
Zerex Extended Life (Valvoline)	HD	✓	✓	
Purus Heavy Duty Extended Life (AIOD)	HD	✓	✓	
Castrol Heavy Duty Extended Life (Castrol)	HD	✓	✓	
Security Extended Life (Houghton Chemical)	HD	✓	✓	
CAM2 SuperLife Fleet HD (CAM2)	HD	✓	✓	
Pride Commander -84 & -34 (Coastline Packging)*	HD	✓	✓	
Super S Extended Life HD Truck (Smitty's Supply)*	HD	✓	✓	
Long Life Super Diesel (Hall-Chem)	HD	✓	✓	
Turbo Power HD Diesel EXL (RecoChem)	HD	✓	✓	
KHAMELEON HD Strawberry (Safety-Kleen)*	HD	✓	✓	
AF - Red (Complex Chemical)*	HD	✓	✓	
Heavy Duty ELC (RFT)*	HD	✓	✓	
HD ELC (Coolants Plus)	HD	✓	✓	
ALL Temp Extended Life Heavy Duty (Marcus Products)	HD	✓	✓	
Final Charge Global (OWI)	HD	✓		
Shell Rotella ELC Ultra (Shell)	HD	✓		
Chevron Delo Extended Life Nitrite Free (Chevron)	HD	✓		
Security Extended Life Nitrite Free (Houghton Chemical)	HD	✓		
ES Compleat OAT (Cummins Filtration)	HD	✓		
Turbo Power HD Mixed Fleet ELC (RecoChem)	HD	✓		
John Deere Coolgard II (John Deere)	HD	✓		
Turbo Power Extended Life (RecoChem)	HD	✓		

*Manufacturer formulations may vary.

This is strictly a guide. Check your owner's manual for specified antifreeze usage.

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Application: A - Automotive, HD - Heavy-Duty

ShellZone (Shell)	A			
Peak (OWI)	A			
Full Force (OWI)	A			
Advance (OWI)	A			
All Weather (OWI)	A			
Chevron Supreme (Chevron)	A			
Zerex Original Green (Valvoline)	A			
Castrol Automotive (Castrol)	A			
Service Pro Antifreeze Low Silicate (AIOD)	A			
CAM2 Antifreeze (CAM2)	A			
MAGNUM Antifreeze (CAM2)	A			
UltraGuard (Polyfreeze)*	A			
Powerline (Polyfreeze)*	A			
Pennsylene (Polyfreeze)*	A			
Turbo Power Universal (RecoChem)	A			
JD Streett Universal (JD Streett)	A			
Shamrock Universal (Shamrock Chicago)	A			
AF Green (Complex Chemical)*	A			
PAR Antifreeze (KMCO)*	A			
Conventional (Coolants Plus)	A			
PolyGard (Twinco Romax)	A			
Laurentide Antigél Antifreeze (Laurentide)	A			
Virgin (Evergreen)	A			
Universal (Trinity)	A			
Peak Long Life (OWI)	A	✓		
Peak Global LifeTime (OWI)	A	✓		
Prestone Extended Life (Prestone)	A	✓		
Prime All Vehicles (Prestone)	A	✓		
Prime Conventional (Prestone)	A			
Prime DexCool (Prestone)	A	✓		
ShellZone Multi Vehicle (Shell)	A	✓		
Chevron Universal (Chevron)	A	✓		
Max Life (Valvoline)	A	✓		
Zerex Asian Vehicle (Valvoline)	A	✓		
Pride Asia Plus -84 & -34 (Coastline Packaging)*	A	✓		
Golden Cruiser (CCI)	A	✓		
Service Pro All Makes All Models (AIOD)	A	✓		
Pah Nol Extended Life (Houghton Chemical)	A	✓		
CAM2 Global (CAM2)	A	✓		
Pride Universal Gold (Coastline Packaging)*	A	✓		
Super S Universal Global (Smitty's Supply)*	A	✓		
Polyfreeze Gold (Polyfreeze)*	A	✓		
Turbo Power Global Extended Life (RecoChem)	A	✓		
AF - Global (Complex Chemical)*	A	✓		
Zecol Maximum (Twinco Romax)	A	✓		
Multi-Max (Twinco Romax)	A	✓		
Universal ELC (RFT)*	A	✓		
All Makes All Models (Coolants Plus)	A	✓		
Zerex DEX-COOL (Valvoline)	A	✓		
Prestone DEX-COOL (Prestone)	A	✓		
Shell DEX-COOL (Shell)	A	✓		
Chevron DEX-COOL (Chevron)	A	✓		
CAM2 SuperLife (CAM2)	A	✓		
Pride XL (Coastline Packaging)*	A	✓		
Super S Extended Life (Smitty's Supply)*	A	✓		
Pro Long Life (Hall-Chem)	A	✓		
Turbo Power Extended Life (RecoChem)	A	✓		
KHAMELEON Universal Orange (Safety-Kleen)*	A	✓		
KHAMELEON Universal Red (Safety-Kleen)*	A	✓		