



FLEETGUARD ENGINE COOLANTS

A REFERENCE GUIDE

Does your coolant system contain aluminum heat exchangers or an aluminum head?

YES

NO

Does the coolant require silicate
(refer to manufacturer's technical manual)?

Would you prefer a low
maintenance product?

YES

NO

YES

NO

Use **Fleetcool OAT** (SI-OAT)

Use **ES Compleat OAT**

Use **ES Compleat Hybrid**



Refer to equipment manufacturer's
technical manual for use with BEV

Requires separate addition of additives.
Do **not** use in combination with aluminum.

Conductivity range varies per EG, PG, premix and concentrate coolants.
Please refer to equipment manufacturer for specification.

For additional help, or for information about our fuel cell coolant products, please contact your account manager or your local Fleetguard filter distributor.

All Fleetguard coolants are compatible with other available coolants and are suitable for use in all gasoline, diesel and gas fueled engines.

To get the most out of our coolants, we recommend cleaning coolant systems with Fleetguard Restore™ or Restore Plus™ before introducing one of our high-quality coolant products.

In addition to providing superior freeze and boil over protection, Fleetguard products protect engines from the most damaging cooling system problems, including:

- Corrosion
- Liner Pitting/Cavitation
- Scale & Deposits
- Acidification

Fleetguard coolants are manufactured to the highest standards and meet the performance specifications of most major OEMs.

A REFERENCE GUIDE

PROMOTE THE RIGHT PRODUCT (EUROPEAN MARKET ONLY)

COOLANTS	OAT (ORGANIC ADDITIVE TECHNOLOGY)		OAT (ORGANIC ADDITIVE TECHNOLOGY)		HYBRID TECHNOLOGY		
							
	AVAILABLE IN: - 50/50 PREMIX READY TO USE - CONCENTRATE - EG ONLY!		AVAILABLE IN: - 50/50 PREMIX READY TO USE - CONCENTRATE - EG ONLY! FOR OTHER PRE-MIX CONTACT TECHNICAL SUPPORT		AVAILABLE IN: - 50/50 PREMIX READY TO USE - CONCENTRATE - EG - PG FOR OTHER PRE-MIX CONTACT TECHNICAL SUPPORT		
	FLEETCOOL OAT (SI-OAT)		ES COMPLEAT OAT		ES COMPLEAT HYBRID		
Conductivity range varies per EG, PG, premix and concentrate coolants. Please refer to equipment manufacturer for conductivity specification.							
ADDITIVES	NITRITE/ AMINE/ PHOSPHATE (NAP) FREE CONTAINS: SILICATE		NITRITE/ AMINE/ PHOSPHATE/ SILICATE (NAPS) FREE CONTAINS: HIGH QUALITY ORGANIC ADDITIVES		AMINE FREE! CONTAINS: NITRITE/PHOSPHATE/ SILICATE		
MAINTENANCE	WATERFILTER MEDIA ONLY NO DCA DOES NOT REQUIRE A SCA/ DCA PRE-CHARGING		WATERFILTER MEDIA ONLY NO DCA DOES NOT REQUIRE A SCA/ DCA PRE-CHARGING		WATERFILTER DCA4+ DCA 4+ LIQUID UNITS UNITS		
	MAINTENANCE FRIENDLY COOLANT. CONTAINS SILICATE. TEST ADDITIVE CONCENTRATION LEVEL ONCE PER YEAR WITH 4 WAY TEST STRIP. ONLY TOP OFF WHEN REQUIRED WITH FLEETCOOL OAT		MAINTENANCE FRIENDLY COOLANT. DOES NOT CONTAIN SILICATE. TEST ADDITIVE CONCENTRATION LEVEL ONCE PER YEAR WITH 4 WAY TEST STRIP. ONLY TOP OFF WHEN REQUIRED WITH ES COMPLEAT OAT		CUSTOMER IS IN FULL CONTROL OF THE ADDITIVE DCA4+ CONCENTRATION OF THE COOLANT SYSTEM. TEST CONCENTRATION LEVEL EVERY 4000 HOURS WITH 3 WAY TEST STRIP		
	USE WATERFILTER WITH MEDIA ONLY		USE WATERFILTER WITH MEDIA ONLY		RECOMMENDATION: EXTENDED SERVICE WATERFILTERS (ES)		
COMPATIBILITY	MATERIAL	ALUMINUM BLOCKS ALUMINUM CYLINDERHEADS ALUMINUM LARGE AREAS (HX)	YES YES YES	ALUMINUM BLOCKS ALUMINUM CYLINDERHEADS ALUMINUM LARGE AREAS (HX)	YES YES YES	ALUMINUM BLOCKS ALUMINUM CYLINDER HEADS ALUMINUM LARGE AREAS (HX)	NO NO NO
	FUELS	DIESEL GASOLINE NATURAL GAS (NG) LIQUIFIED PETROLEUM GAS (LPG) BATTERY ELECTRIC VEHICLE	YES YES PREFERRED YES NO	DIESEL GASOLINE NATURAL GAS (NG) LIQUIFIED PETROLEUM GAS (LPG) BATTERY ELECTRIC VEHICLE	YES YES PREFERRED YES YES	DIESEL GASOLINE NATURAL GAS (NG) LIQUIFIED PETROLEUM GAS (LPG) BATTERY ELECTRIC VEHICLE	YES NO YES NO NO
	STANDARDS	FLEETGUARD'S ES COMPLEAT HYBRID, FLEETCOOL OAT & ES COMPLEAT OAT MEET THE FOLLOWING STANDARDS CES14603, CES14439, ASTM D-3306, AND ASTM D-6210.					
		ADDITIONAL INFORMATION PER COOLANT PRODUCT BELOW					
		REFER TO EQUIPMENT MANUFACTURER'S SPECIFICATION FOR COMPATIBILITY WITH YOUR BATTERY ELECTRIC VEHICLE (BEV)		DO NOT USE FOR COOLANT SYSTEM WITH ALUMINUM COMPONENTS			
FLEETGUARD'S ES COMPLEAT HYBRID, FLEETCOOL OAT & ES COMPLEAT OAT ARE COMPATIBLE WITH CAST IRON (ENGINE, CYLINDERHEADS), COPPER, BRASS & HIGH LEAD SOLDERS (HEAT EXCHANGERS).							
FLEETGUARD'S ES COMPLEAT HYBRID, FLEETCOOL OAT & ES COMPLEAT OAT ARE COMPATIBLE WITH ELASTOMERS (SILICONE GASKETS, O-RING, HOSES & SEALS) AND DO NOT CONTAIN 2 EH (2-ETHYLHEXANOATE ACID).							
FOR ARCTIC CONDITIONS - PLEASE CONTACT YOUR ACCOUNT MANAGER OR YOUR LOCAL FLEETGUARD FILTER DISTRIBUTOR.							