



FLEET CHARGE®

HYBRID BLUE

COOLANT / ANTIFREEZE

EXTENDED SERVICE INTERVAL



DESCRIPTION

FLEET CHARGE HYBRID BLUE Coolant/Antifreeze is a Hybrid Organic Acid Technology (HOAT) Extended Service Interval (ESI) coolant/antifreeze with a phosphate-borate dual buffer system, nitrite and a low silicate level. It is formulated for use in heavy duty engines, regardless of fuel type, as well as in automobile and light duty applications. Its characteristic blue color identifies it as a hybrid coolant.

FLEET CHARGE HYBRID BLUE Coolant/Antifreeze is designed to work with liquid and slow-release Supplemental Coolant Additives (SCAs) available in the market today, simplifying coolant maintenance while extending service intervals up to 150,000 miles (260,000 km) or 4000 hours of operation.*

BENEFITS

- Hybrid ESI coolant/antifreeze with service intervals at 150,000 miles / 4,000 hours*
- Fully-formulated, requires no initial dose of SCAs
- Delivers excellent liner pitting, corrosion, & erosion protection
- Proprietary inhibitor eliminates scale deposits that can significantly reduce heat transfer
- Compatible with any antifreeze/coolant
- Easily maintained with DCA4 liquid or chemical filter SCA system

APPLICATIONS

FLEET CHARGE HYBRID BLUE Coolant/Antifreeze is designed and recommended for use in:

- Heavy duty, commercial/stationary engines operating on diesel, gasoline, natural gas, propane, LPG, biofuels or methane waste gas where the OEM specifies a HOAT fluid formulation based on nitrite, low silicate, phosphate-borate and OAT technology
- Mixed fleets where automobiles, light, medium and heavy duty vehicles are being used and the OEM recommends a HOAT fluid formulation based on nitrite, low silicate, phosphate-borate and OAT technology
- On/Off-road and marine cooling system applications
- Recreational vehicles requiring nitrite and low silicate organic acid products

* Requires an initial complete flush and fill, followed by regular maintenance with a good quality SCA.

SPECIFICATIONS/RECOMMENDED USE

Meets these specifications:

- ASTM D6210
- ASTM D3306
- ASTM D4985
- JIS K2234
- SAE J814
- TMC RP 329
- TMC RP 338

Recommended for use where the following equipment and specifications are cited:

- Case New Holland MAT 3620
- Caterpillar
- Cummins CES 14603, SB 3666132
- DAF MAT 74002
- EMD M.I. 1748G, 1796A
- Freightliner 48-22880
- GM 1899M
- IVECO
- John Deere 8650-5
- MAN 324 Type N
- Mack 014G817004
- MTU MTL 5048
- Navistar MPAPS B1 Type III
- PACCAR CS0185
- Volvo 20774185
- Waukesha 4-1974D



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PROPERTIES	METHOD	TYPICAL VALUES ¹
Appearance, Color	Visual	Blue
Freezing Point, °F/°C	ASTM D1177, D6660, D3321	-
40% (2 parts of antifreeze/3 parts of water)	-	-12/-24
50% (1 part of antifreeze/1 part of water)	-	-34/-37
60% (3 parts of antifreeze/2 parts of water)	-	-62/-52
Boiling Point, °F/°C	ASTM D1120	+265/+129 ²
50% (1 part of antifreeze/1 part of water)	-	-
Reserve Alkalinity, ml (50/50)	ASTM D1121	5 minimum
Chloride, ppm	ICP	<25 ppm
pH, 50% (1 part of antifreeze/1 part of water)	ASTM D1287	10 minimum
Shelf Life (unused, stored in unopened original container)	-	Concentrate 3 years 50/50 5 years

ADDITIONAL INFORMATION

Testing Requirements: For proper freeze and boilover protection, use a traditional refractometer or test strips to measure the percentage of ethylene glycol by volume.

Storage Recommendations: FLEET CHARGE HYBRID BLUE Coolant/Antifreeze can be stored in original container at ambient temperature and limited periods of exposure to temperatures above 35°C for 3 years, provided the container remains sealed. Product should be agitated before dilution or use.

Safety and Environmental Guidance: FLEET CHARGE HYBRID BLUE Coolant/Antifreeze is based on virgin ethylene glycol and should be kept away from children and animals to prevent exposure. A bittering agent is added to help reduce the potential for accidental ingestions of this product. More information with guidance on health, safety and disposal is available on the appropriate Safety Data Sheet, which can be obtained from your OVI representative, or by visiting www.peakhd.com. Always dispose of used coolant in accordance with local, state and Federal guidelines.

SHIPPING INFORMATION

Part # (FS)	UNIT	Pack/Size	Case/Drum Dimensions	Unit Wt (lbs)	Units per Pallet	Pallets per Truck	Pallet Weight ³
4009602/HBA001	Drum	55 gal	23.5"D x 34.5"H	553 lbs.	4	20	2,212
4009603/HBA008	Tote	275 gal	40"W x 48"D x 46"H	2,635 lbs.	1	60 (30 double-stacked)	2,685
4009597/HBA000	Bulk	-	-	-	-	-	-
Part # (50/50)							
4009604/HBA051	Drum	55 gal	23.5"D x 34.5"H	529 lbs.	4	20	2,116
4009605/HBA058	Tote	275 gal	40"W x 48"D x 46"H	2,505 lbs.	1	60 (30 double-stacked)	2,555
4009598/HBA050	Bulk	-	-	-	-	-	-

¹ Properties are typical of current production. Minor variations are to be expected and may occur.

² Using a 15 psi pressure cap in good condition.

³ Includes Pallet Wt: 20 @ 50 lbs. ea = 1,000 lbs.

Product liability information/material safety data available upon request

CHEMISTRY THAT DRIVES COMMERCE™



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