

DESCRIPTION

All Fleet HDD Coolant is a luminescent green coloured, superior, fully formulated Hybrid technology engine coolant. This Hybrid technology coolant has the advantage of being more robust than both conventional and organic acid technology (OAT) engine coolants. This low silicate, phosphate and amine free product is recommended for use in automotive (aluminium compatible), light duty and heavyduty diesel applications namely onroad truck, offroad, farm and marine. It provides excellent high temperature aluminium protection. It does not require an initial charge of supplemental coolant additives (SCAs) upon initial fill in heavy duty diesel applications as the product is specially formulated to protect heavy duty diesel wet sleeve liners. SCA addition is application dependant and should only be added as and when required by the vehicle’s OEM. This coolant is compatible with coolant filters and heavy duty diesel SCAs and coolant extenders.

SUMMARY OF BENEFITS

- When used as a 50% coolant with softened or deionized water, this engine coolant offers the following advantages:
- Low silicate • Phosphate and amine free • OEM approved
 - Hard water compatible • No initial SCA requirement at initial fill
 - Universal use, fully meets or exceeds standard industry requirements for automotive, light duty, and heavy duty diesel applications
 - Product is compatible with both conventional and OAT coolants although to get best performance (regarding issues such as extended life and time between SCA additions) it is best to flush the old coolant and replace with All Fleet HDD
 - Product is compatible with standard SCAs and coolant extenders
 - Extended life 6 years, 12,000 hours or 1,000,000km whichever comes first

All Fleet HDD Coolant provides exceptional summer cooling and excellent freezing protection during winter. It should not be used in concentrated form. A 50% dilution (i.e. when mixed with an equal volume of high quality soft, deionized or distilled water) is generally recommended for the best balance of protection against freezing, corrosion and summer boilover. For increased freezing protection in extremely cold areas a 60% volume concentration can be used. Concentrations of greater than 70% by volume are not recommended.

SPECIFICATIONS

- ASTM D3306, D4985, D6210
- CATERPILLAR EC-1, ELC
- CUMMINS 14603, ES COMPLEAT
- DETROIT DIESEL 7SE 298
- DAIMLER CHRYSLER MS 7170, MS 9769
- FORD ESEM97B44A, ESEM97B18C, FORD WSSM97B51A1
- FREIGHTLINER 482288D
- GM 1825M, 1899M, GM HEAVY TRUCK
- HYUNDAI
- JIS K2234
- JOHN DEERE 8650-5, JDM HD24
- KENWORTH R02617097
- KOMATSU AF-NAC

*CONTACT GULF WESTERN OIL FOR MORE INFO

ALL FLEET HDD COOLANT	TEST METHOD	UNITS	RESULTS
pH 50%	ASTM D1287	(ml)	7.6 - 8.5
RESERVE ALKALINITY	ASTM D1121	(ml)	6 min.
SPECIFIC GRAVITY	ASTM D1122	(15.6°C/60°F)	1.125 - 1.135
FREEZING POINT	ASTM D1177	(50% vol.)	-36.2°C (50% by Vol.)
BOILING POINT (ATMOSPHERIC PRESSURE)	-	-	108.2°C (50% by Vol.)
BOILING POINT (15PSI RADIATOR PRESSURE CAP)	-	-	131°C (50% by volume)
FLASH POINT	ASTM D92	-	116°C/240°F 1
COLOUR	-	-	Luminescent Green
TOTAL GLYCOLS	-	(Weight %)	94.0 min.

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

Pre Mixed: IBC - #40055B, 205LT - #40055, 20LT - #42055, 5LT - #40555 / Concentrate: IBC - #40054B, 205LT - #40054, 20LT - #42054, 5LT - #40554

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