



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

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## HD LONGLIFE EC01 CONC

PRODUCT CODE	PACK SIZE	CARTON QTY
AFABEC01020	20L	
AFABEC01205	205L	

### PRODUCT BENEFITS

**HD Long Life EC01 Concentrate** is a red coloured, long life, Type A, Hybrid, US style, heavy duty ethylene glycol based coolant that utilises a long drain, low depletion rate inhibitor system.

### ADDITIONAL PRODUCT INFORMATION

- [Click Here](#) to view coolant Brochure
- [Click Here](#) to learn more about coolant types and their purpose

### APPLICATION

**HD Long Life EC01** is designed for use in trucks, buses, agricultural and construction equipment, stationary engines and in passenger cars/light commercial vehicles where anti-freeze and/or anti-boil properties are required.

**HD Long Life EC01** is particularly suitability for use in heavy duty diesel engines of US origin but may be used in all types of vehicles that use red or orange coloured initial fill coolants.

### RECOMMENDED SERVICE INTERVALS

**HD Long Life EC01** Anti Freeze / Anti Boil is typically used at a 50% concentration rate but it will still provide protection at 33%. For maximum service intervals 50% concentration is recommended.

### DOSE RATE - FREEZING POINT BOILING POINT

<b>Mix Ratio</b>	<b>33%</b>	<b>50%</b>
Freezing Point	-18°C	-38°C
Boiling Point	+104°C	+109°C

### SERVICE INTERVALS

Heavy Duty On Road	8 Years / 1.25 Million Kilometres
Heavy Duty Off Road	8 Years or 15,000 Hours
Passenger & Light Commercial Vehicles	5 Years or 250,000 Kilometres

### Please Note

For measuring coolant concentration and condition, we recommend [Penrite Coolant Test Strips](#).

Penrite recommend flushing the cooling system prior to a complete service refill. [Penrite Radiator Flush](#) effectively cleans the system in 7 minutes and prepares the cooling system for new coolant.

### DEMINERALISED WATER

When mixing coolants, Penrite recommend mixing at the manufacturers recommended concentration levels with [Penrite De-Mineralised Water](#)

### PRODUCT BENEFITS

- 8 year heavy duty drain intervals if used and maintained at 50%
- 15,000 hour drain intervals in off highway engines
- Protects all internal surfaces from corrosion, including aluminium
- Phosphate free formulation allows use with hard waters
- Silicate and amine free
- Heavy duty performance
- Does not need SCA (Supplementary Coolant Additives)\* but is compatible with them





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- Reduced operation costs due to less downtime required to service equipment

## **INDUSTRY & MANUFACTURER'S SPECIFICATIONS**

- AS2108-2004 Type A
- ASTM 4985
- ASTM 6210
- ASTM D-3306
- Caterpillar EC-1
- Chrysler MS-7170
- Chrysler MS-9769
- Cummins
- Detroit 7SE-298
- Ford ESE M97-B44D
- Ford M97-B18-D
- Ford M97-B44-A
- Ford M97-B51-A
- Freightliner 48-2288D
- GM 1825M
- GM 1899M
- GM Heavy Truck
- Hyundai
- Isuzu (GM6277M)
- JASO M325 (Japan)
- JIS K2234 (Japan)
- Kenworth R026-170-97
- Komatsu KES 07.892
- KSM 2142 (Korea)
- Land Rover
- Liebherr MD 1-36-130
- Mack 014 GS 17009
- MAN 324
- MTU MTL 5048
- Navistar B1 Type III
- PACCAR
- Perkins
- SAE J1034
- SAE J1941
- Scania
- TMC RP 329
- US Federal A-A-870-A
- Volvo Heavy Truck (Approved)
- Volvo VCS
- White Star

## **TYPICAL DATA**

Colour	Deep Red
Density at 20°C, kg/L	1.122
Glycol Content, g/L (Concentrate)	1046