

TECHNICAL PRODUCT SHEET

# CYCLONFLU HD



## DESCRIPTION

CYCLONFLU HD is a ready-to-use ethylene glycol-based engine coolant concentrate formulated for optimal performance in heavy duty diesel engine applications but equally suitable for light duty use. The inhibitors used in CYCLONFLU HD (-40°C) include organic additives in combination with borate, silicate and nitrite. These inhibitors are known to provide excellent protection in heavy duty applications, particularly where there is potential for cavitation erosion-corrosion to occur.

## APPLICATIONS

CYCLONFLU HD is engineered for full compatibility with all polymers and elastomers commonly used in modern engine cooling circuits, ensuring material integrity and long-term sealing performance. Its formulation is fully miscible with conventional and advanced coolant chemistry, allowing safe mixing when necessary. For maximum thermal efficiency, corrosion resistance, and extended service life, exclusive use of CYCLONFLU HD (-40°C) is recommended to unlock the product's full protective and performance potential.

**Not to be used in drinking water systems.**

## SPECIFICATIONS

AFNOR NF R15-601 (France)  
SAE J 1034 (USA)  
UNE 26-361 (Spain)  
AS 2108  
ASTM D4985  
ASTM D6210  
CID A-A-52624 Type I C  
*Suitable for:*  
British Rail BR637  
Fiat/Iveco  
John Deere JDM H24  
MAN 324

BS 6580: 2010 (UK)  
NATO S-750  
ONORM V 5123 (Austria)  
CUNA NC 956-16 (Italy)  
JIS K 2234 (Japan)  
ASTM D3306 (USA)

Cummins CES14603  
JCB STD00088 (HD)  
Leyland

## PROPERTIES

CYCLONFLU HD delivers ready-to-use antifreeze protection to -40°C, long-term multi-metal corrosion resistance, and prevents deposit or "mud" formation. Its high thermal conductivity ensures efficient cooling under severe temperatures, while full elastomer compatibility maintains sealing integrity and system reliability.



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### PHYSICAL-CHEMICAL CHARACTERISTICS

CYCLONFLU HD	METHOD	
Density at 20°C, g/cm <sup>3</sup>	ASTM D5931	1.068
Freezing point, °C	ASTM D1177	-40
Boiling point, °C	ASTM D1120	>108
Ash, %wt	ASTM D1119	1.5
pH	ASTM D1287	8.2
Color		Green

The above mentioned characteristics represent mean values.

### STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



### HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



### USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

