

# Coolelf HD N-OAT

## Coolant

### KEY DATA



Coolelf HD N-OAT is a cooling liquid that can be used in all cooling systems of combustion engines in Off Highway trucks, constructing & mining machines.

### INTERNATIONAL STANDARDS

- 🔥 ASTM D6210
- 🔥 TMC RP-329
- 🔥 ASTM D3306
- 🔥 TMC RP-338
- 🔥 CATERPILLAR EC-1

### APPLICATIONS

Coolelf HD N-OAT is the premium product of our cooling liquid range.

Coolelf HD N-OAT is a «long life» coolant based on monoethylene glycol and organic inhibitors of corrosion.

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## PERFORMANCES & CUSTOMER BENEFITS

Organic technology ensures a long-term action to offer maximum protection against any type of corrosion, erosion and cavitation, even at high temperatures.

During extensive Field trials, Coolelf HD N-OAT has proven to provide protection for as much as 650,000 Kms (8000 Hrs) in Heavy Duty application. It is recommended to change the coolant every 5 years or when mileages or operating times are reached, whichever comes first.

The organic additives in Coolelf HD N-OAT give to the coolant :

- 💧 Chemical neutrality (pH8-8.8),
- 💧 A reserve of alkalinity to neutralise the acids resulting from the combustion gases,
- 💧 Resistance to foaming,
- 💧 Compatibility with hard water (maximum 40°F).

Avoids formation of deposits (no risk of limescale) and leaves surfaces clean.

## CHARACTERISTICS\*

TEST	UNIT	TEST METHOD	RESULT
Appearance	-	-	Clear liquid
Colour	-	-	Red
PH 20°C	-	ASTM D 1287	8.7
Freezing point	°C	ASTD MD 1177	-36°C

\*The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

## RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

## HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.



TotalEnergies Lubricants / Last update of this datasheet: January 23 / Coolelf HD N-OAT

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at [www.lubricants.totalenergies.com](http://www.lubricants.totalenergies.com).