

OIL & GAS

World leaders in valve integrity

Innovating for tomorrow



TECHNICAL DATA SHEET

Product Code: D0869
Quality Standards:
ISO 9001:2015
ISO 14001: 2015
Issue Date—January 2017
Revision—01

ClareTech V500 Wireline Fluid HOCNF Yellow Category Product

Introduction

ClareTech V500 Wireline Fluid has been developed to meet the stringent OSPAR HOCNF environmental criteria for chemicals used offshore in Norway. The legislation applies where there is a potential for discharge of the product into the environment.

For a product discharge permit to be granted, the product must pass the biodegradability, aquatic toxicity and bioaccumulation tests specified by the HOCNF. The product is then put in the green or yellow category. Products which do not meet this criteria and pose a risk to the environment are put in black or red category, depending on the environmental impact.

ClareTech V500 Wireline Fluid is:

- Listed on the CHEMS database as a yellow category product.
- Listed on the OCNS ranked list of notified non-CHARMable products as, "CEFAS OCNS hazard group E." - Group E contains products to have the least potential environmental hazard. Registration No. 24510.

Description

ClareTech V500 Wireline Fluid is a viscous, fully synthetic, "fluid type" product. It is resistant to produced well fluids and gasses (including H₂S) and other aggressive fluids such as acids and salt water. It has an adhesive film which provides both lubrication (anti-wear) and corrosion protection to the moving wireline whilst also resisting oxidation.

Application

ClareTech V500 Wireline Fluid is used as a sealing fluid in standard wireline grease injection units. ClareTech V500 Wireline Fluid provides a dynamic seal during wireline operations to prevent the loss of well fluids and gasses, ensuring integrity is maintained.

Typical Characteristics

Base Oil Type	Fully synthetic
Colour	Colourless to straw yellow
Density	1.05 g/cm ³
Flash Point	>250°C
Kinematic Viscosity	500 cSt at 40°C 13,000 cSt at 0°C (Other temperatures available on request)
Minimum Pumpable Temperature	-10°C to -15°C
Pour Point	-25°C
Viscosity Index	154

Note:

ClareTech V500 Wireline Fluid has limited compatibility with polybutenes and it is highly recommended to clean out incumbent wireline fluid before use.