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TECHNICAL DATA SHEET

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Quality Standards:
ISO 9001:2015
ISO 14001: 2015
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ClareTech V300 RLWI Wireline Fluid HOCNF Yellow Category Product

Introduction

ClareTech V300 RLWI 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 V300 RLWI Wireline Fluid is:

- Listed on the CHEMS database as a yellow category product.

Description

ClareTech V300 RLWI 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 V300 RLWI Wireline Fluid has been developed specifically for use in wireline pressure control assemblies where high performance is required at lower temperature and for subsea applications. The viscosity profile is carefully tailored to ensure optimum sealing capability, pumpability and consumption.

Typical Characteristics

Base Oil Type	Fully synthetic
Colour	Colourless to straw yellow
Density	1.06 g/cm ³
Flash Point	>120°C
Kinematic Viscosity	300 cSt at 40°C 8,700 cSt at 0°C (Other temperatures available on request)
Minimum Pumpable Temperature	-20°C to -15°C
Pour Point	-25°C
Viscosity Index	168

Note:

ClareTech V300 RLWI Wireline Fluid has limited compatibility with polybutenes and it is highly recommended to clean out incumbent wireline fluid before use.