

# OIL & GAS

World leaders in valve integrity

*Innovating for tomorrow*



## TECHNICAL DATA SHEET

Quality Standards:  
ISO 9001:2015  
ISO 14001: 2015  
Issue Date—February 2021  
Revision—01

### CLARETECH HFL

Synthetic valve lubricant for high water cut production wells  
NLGI 3

#### Description

When mixed with high water cut production streams, standard valve greases tend to dilute and become much thinner and therefore more easily displaced from the valve cavity. Claretech HFL includes unique water thickening technology which activates and thickens slightly when the grease is mixed with water. This feature ensures the internal valve components are protected for longer and operators can extend regreasing intervals and use less grease, saving time and money.

A highly viscous hydrocarbon insoluble grease compound ensures that even under high pressure and high flow, the grease adheres to the metal surfaces and valve parts remain protected for longer.

Claretech HFL includes an exceptional corrosion inhibitor package to protect the valves from corrosion in a high water environment.

#### Features and Benefits

- Highly viscous adhesive grease
- Resistant to water and aliphatic hydrocarbons and condensate
- Formulated with corrosion inhibitor and extreme pressure additives
- Whereas most greases will thin out when diluted with water, Claretech HFL is designed to thicken and remain in the valve cavity

#### Typical Characteristics

Appearance	Visual	Smooth
Colour	Visual	Off-white
Thickener		Inorganic (non-soap)
Temperature Range		-10°F to 350°F
Unworked Penetration	IP 50	205—235
Drop Point	IP 396	Non-melting
4-Ball Weld Load	IP 239	400kg
Water Spray Off Test	ASTM D4049	>98% retained
Hydrocarbon Resistance		Excellent
<b>Base Oil Characteristics</b>		
Base Fluid Type		Synthetic Oil