OIL & GAS
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TECHNICAL DATA SHEET

Product Code: D0874
Quality Standards:
ISO 9001:2015
ISO 14001: 2015
Issue Date—October 2017
Revision—03

ClareTech Valve Lubricant 601™ WG
Synthetic valve lubricant and sealant
NLGI 1

Description

ClareTech Valve Lubricant 601™ WG has been specially designed to provide improved pumpability at cold temperatures using conventional pump equipment— when there is an absence of a positive priming pump system.

ClareTech Valve Lubricant 601™ WG has been field proven all over the world in gate and plug valves used in crude oil, natural gas production and pipeline equipment. Particularly suitable for use where sour crude and gas, acids, sand slurries and difficult condensates are encountered.

Application

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ClareTech Valve Lubricant 601™ WG is fully compatible with our ClareTech Valve Lubricant 601™ range and Valve Sealant 701 range.

Features and Benefits

- Allows more flow around the pump stem
- Fluid and gas resistant
- High load lubricating stability
- Improved temperature Properties
- Metal adhesion
- Oxidation resistance
- Pumpability temperatures at -25°F
- Thermal stability

Typical Characteristics

Appearance	Visual	Smooth
Colour	Visual	Black/Grey
Thickener		Inorganic
Temperature Range		-40°F to 350°F
Penetration at 25°C	IP 50	310-340
Drop Point	IP 396	Non-melting
4-Ball Weld Load	IP 239	>620kg
Low Temperature Performance*		Pumpability manually at –25°F

Base Oil Characteristics

Type		Synthetic
Flash Point	IP 34	>400°F

Resistance

- Crude oil, natural gas and condensate
- Diesel fuel
- Drilling muds
- Frac acid (HCl)
- H_2S and CO_2
- Produced sand
- Salt water/brines
- Steam

* Pumpability temperature ranges refer to reasonable flow rates when using the RS Clare 70:1 Pump System (RS Clare configuration).