

# VLG 620

*Valve Lubricant For Gate Valves  
Used In Oil & Gas Exploration*



## **Valve lubricant with superior sealing properties, designed to maintain well integrity.**

Well integrity is of utmost priority in oil and gas exploration, especially in the operative functioning and maintenance of gate valves of the christmas tree assembly. Therefore it is important that the valves operate correctly at all times.

The valves often operate under very demanding conditions and extremely tight tolerances, therefore making the selection of the correct gate valve lubricants is very important. Molygraph's VLG 620 series of valve lubricants prevent leakage and protect itself from degradation over time. It is carefully formulated with synthetic base oils and advanced extreme pressure, anti-wear and corrosion preventive additives, giving it superior sealing properties and hydrocarbon resistance, needed for its longer lifespan.

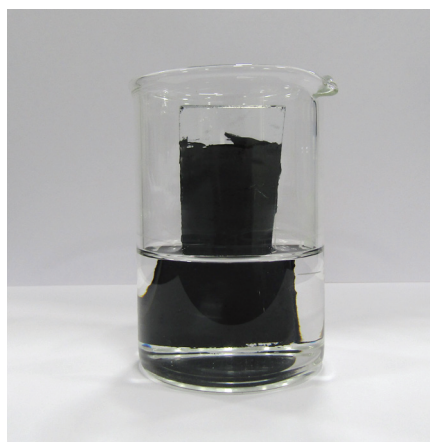
## **Best properties for optimum performance**

- Provides superior sealing properties without hardening.
- Hydrocarbon, H<sub>2</sub>S, CO<sub>2</sub> and crude oil resistant, providing maximum protection.
- Extended preventative maintenance periods.
- Provides a strong lubricating film in metal to metal contact protecting gates and seats from damages in extreme pressure environments.
- Cohesive and adhesive with good water resistant property.
- Rust, Corrosion and oxidation preventive.
- Non-hazardous and does not contain volatile solvents.
- Non-melting and stable.
- Proven performance with major OEM Valves and oil exploration companies across many countries.

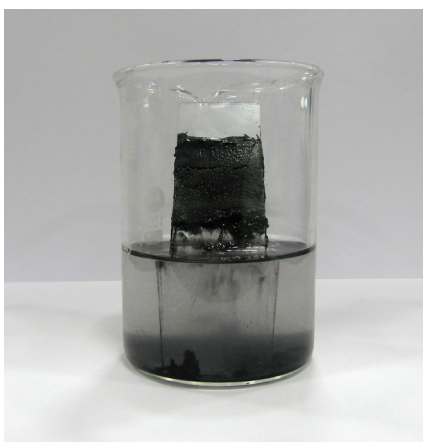
## Properties

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth, Tacky
Colour	Visual	-	Greyish Black
NLGI Grade	-	-	#2
Weld load	ASTM D - 2596	Kgs	>620
Worked penetration	ASTM D - 217	0.1mm	265 – 295
Copper strip corrosion	ASTM D - 4048	Rating	1a
Hexane, Petrol and Diesel resistance	-	-	Excellent
H <sub>2</sub> S, HCL and CO <sub>2</sub> resistance	-	-	Excellent
Temperature Range	-	°C	-30 / +230

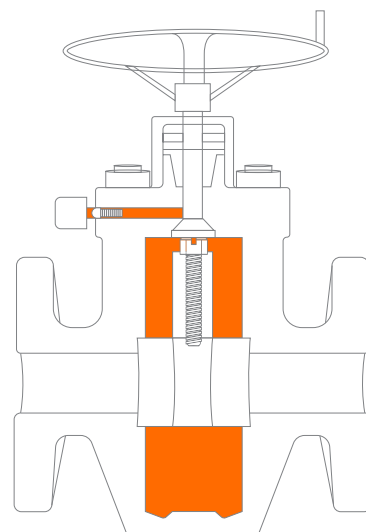
## Hydrocarbon resistance test



VLG 620



Competitor Product



🔴 VLG 620 Lube Points

## V-KLEEN 620 | High performance valve grease cleaner

V-Kleen 620 is especially designed to remove the hydrocarbon resistant greases such as VLG 620 from metal surfaces within the gate valve cavities. It is non-hazardous cleaning fluid, used during valve repair, to flush the valve during maintenance. It does not contain any chlorinated solvents or aromatics, is highly resistant to VMQ & PVMQ Silicones and is compatible with steel & other elastomers.