

SYNTH VALVE GREASE MP-601 (Multipurpose Synthetic Valve Grease)

(Multipurpose synthetic valve grease for all kinds of gate & plug valves, chemically resistance, very good metal surface adhesion properties even when subjected to very high pressure upto 15000 psi)

DESCRIPTION

SYNTH VALVE GREASE MP-601 is a specially formulated multipurpose synthetic grease in valve lubrications for all kinds of gate and plug valves used across Petroleum Industries. The grease is made from fully specialized synthetic base oil for extraordinary chemical resistant to all kinds of Petroleum Industries in an inorganic thickener incorporated with special extreme pressure additives creates a passive film on friction surfaces before friction occurs with antioxidants, anti-corrosion, rust inhibitors. The grease has very good surface property adhesion properties for all metals surfaces even when subjected to very high pressure upto 15000 psi.

APPLICATIONS

SYNTH VALVE GREASE MP-601 is used in all kinds of gate and plug valves used in crude oil, natural gas production, sour crude, gas, acids, sand slurries and difficult condensates pipe line applications.

PERFORMANCE BENEFITS

- Excellent adhesive properties to remain in valve cavity under very high pressure.
- **Chemically Resistance:** Extraordinary resistant to Crude oil, Natural gas, HCL, Diesel fuel, Drilling muds, H₂S, CO₂, Salt water/Brines, Steam & Condensates.
- Protection against rust and corrosion, very good oxidation resistance
- Multi-purpose grease or all kinds of gate and plug valves used across Petroleum Industries.
- Wide range of operation temperature -30°C to 250°C (-22°F to 482°F)
- Seal plug valves even when subjected to very high pressure upto 15000 psi

SPECIFICATIONS

Properties	Test method	Typical valve
Consistency NLGI	-	1 & 2
Appearance & Structure	Visual	Smooth & Adhesive
Colour	Visual	Blackish/Grey
Thickener	-	Inorganic
Base Oil Type	-	Specialized Synthetic base oil for extraordinary chemical resistant to all kinds of Petroleum Industries
Drop Point	ASTM D2265 / IP 396	Non-Melting
4-Ball Weld Load in kgs	ASTM D2596 / IP 239	+800
Worked Penetration @25°C	ASTM D217 / IP 50	265-340
EMCOR rust protection test	IP 220	0-0
Low Temperature Performance	-	-22°C
Operating Range °C	-	-30°C to 250°C (-22°F to 482°F)

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