



PVG 679

Fully synthetic grease for petrochemical valves

Description

Metalube PVG 679 is a fully synthetic grease that has been specifically formulated for the lubrication of valves operating in the petrochemical industry. The unique combination of synthetic base fluid, corrosion inhibitors and stabilisers ensure that PVG679 exhibits maximum resistance to chemicals encountered in the exploration and production of crude oil.

Conventional valve lubricants can be dissolved or degraded by materials such as hydrocarbon solvents, gas condensates, H₂S and mineral acids such as HCl. Should this occur the seals and other valve components can become dry - resulting in higher friction and wear and increased actuation torque. In addition voids left in the valve cavity can lead to further build-up of corrosive substances or other contaminants – resulting in further damage, leakage ultimately seizure. PVG 679 possesses outstanding resistance to most chemicals used in oil exploration and production. It will lubricate and protect valve components ensuring smooth, reliable operation and resist wash-out minimizing cavity contamination.

PVG 679 is suitable for use on most gate and plug valves across a wide operating temperature range (-20°F to 350°F, -29°C to 177°C). Note: PVG 679 is not recommended for use on floating seat ball valves.

Features and benefits

- Outstanding resistance to exploration and production chemicals (hydrocarbons, condensate, H₂S, mineral acids etc) minimizes wash-out
- Highly adhesive, tenacious film ensures maximum lubrication and protection
- Excellent lubrication and sealing properties
- Wide operating temperature range

Global specialists in high-performance lubricants

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Company registration number: 2263118; Company registered in England VAT registration number GB108244927000



Cert No 2367QM8001



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Pack sizes

PVG 679 is available in 220 kg drums or 22 kg pails.

Instructions for Use

PVG 679 can be applied manually or via a pressure applicator. Minimum application temperature is 30°F (-1°C)

As with all greases used for the first time, check compatibility with the grease used previously and if necessary purge prior to application.

Technical data (typical values)

Property	
Appearance	Smooth grey/black adhesive grease
Base Oil	Synthetic
Thickener	Inorganic
Worked penetration	287
NLGI Grade	2
Density	1.30 g.cm ⁻³

Storage

Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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