

VG-HPL

Water repellent, biodegradable valve lubricant

Product Overview

ROCOL® VG-HPL is a high performance, water repellent, valve lubricant manufactured from biodegradable and renewable raw materials.

ROCOL VG-HPL is biodegradable and is designed to be broken down into harmless substances by the action of micro-organisms should it be released into the environment.

ROCOL VG-HPL contains lubricating solids, corrosion inhibitors and tackiness additives which give excellent load carrying properties, corrosion protection and adhesion characteristics.

Features and Benefits

- ROCOL VG-HPL has a wide temperature range of -30°C to +120°C.
- ROCOL VG-HPL has excellent high load and anti-wear properties.
- ROCOL VG-HPL exhibits outstanding corrosion protection.
- ROCOL VG-HPL is suitable for all oilfield & petrochemical applications
- ROCOL VG-HPL is highly resistant to water wash-off even in steam or salt water environments.
- ROCOL VG-HPL is manufactured from biodegradable and renewable raw materials.

Directions for Storage and Use

- ROCOL VG-HPL should be used in accordance with the valve manufacturers' lubrication instructions.
- Product should be stored in its unopened original container.
- Storage temperature should be controlled to between +1°C and +40°C.
- If stored in accordance with the above guidelines, shelf life is 3 years from date of manufacture.
- It is recommended that all previous lubricant is removed and the valve cleaned prior to relubricating with ROCOL VG-HPL.
- Minimum application temperature 0°C.

Typical Applications

- ROCOL VG-HPL is particularly suitable for use in hostile environments where contamination by salt water, brine, steam, and chemicals is likely.
- ROCOL VG-HPL is primarily designed as a valve grease for use in applications found in industries such as oilfields, pipelines, refining and petrochemical.

Pack Sizes

Pack Size	Part Code
18kg	19068

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Property	Test Method	Result
Appearance	Visual	Smooth, black grease
Base Fluid Type	N/A	Blend of vegetable oils & ester
Thickener	N/A	Calcium soap
Solids	N/A	Graphite & molybdenum disulphide
Temperature range	N/A	-30°C to +120°C
Base Fluid Viscosity at 40°C	IP 71	300cSt
Viscosity Index	N/A	110
Worked Penetration	IP 50	255 - 295
NLGI Classification	IP 50	2/3
4-Ball Weld Load	IP 239 - ASTM D2596	315kg
Mean Hertz Load	IP 239 - ASTM D2596	136kg
Timken 'OK' Load	IP 326 - ASTM D2509	>30kg
Drop Point	IP 132	+140°C

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. 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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