



HYDROPRO HD SERIES

ISO VG

Doill Hydraulic System Oil

Mineral

Usage

Doill HYDROPRO HD hydraulic system oil is a high viscosity index mineral-based hydraulic system oil that provides high performance in wide temperature ranges. Thanks to its resistance to decomposition under high temperatures and mechanical stress, it prevents the formation of deposits that reduce the efficiency of the hydraulic system.

Performance

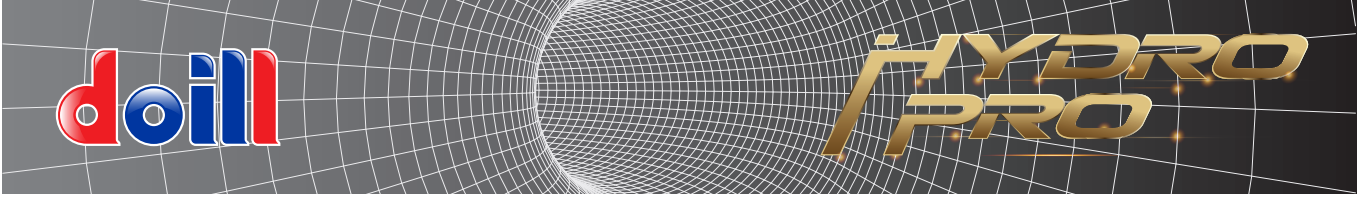
Bosch Rexroth RDE 90235, Cincinnati P 68, 69,70, DIN 51524 Part II (HLP), Eaton M-2950 S/I-286 S3, ISO 20763 Conestoga Vane Pump Tests, JCMAS P041 HK, Parker HF-0, HF-1, HF-2

Suggestions

- It is suitable for use in hydraulic systems used in production facilities and industrial applications.
- It is used in mobile applications such as cranes and excavators used as work machines.
- Suitable for use in marine applications where ISO HM class hydraulic oils are recommended.
- In addition, it is recommended for other industrial applications that require hydraulic system oils.

	Doill HYDROPRO HD 100	Doill HYDROPRO HD 68	Doill HYDROPRO HD 46	Doill HYDROPRO HD 32
Product Features				
ISO VG	100	68	46	32
Kinematic Viscosity @ 40 °C, mm ² /s, ASTM D445	100	68	46	32
Kinematic Viscosity @ 100 °C, mm ² /s, ASTM D445	11.1	8.7	6.8	5.6
Density @ 15 °C, g/cm ³ , ASTM D4052	0,889	0,885	0,875	0,865
Viscosity Index, ASTM D 2270	95	95	95	95
Flash Point °C ASTM D 92	230	220	210	195
Pour Point, °C ASTM D 97	-27	-27	-30	-32

Features and Specifications



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ISO VG 32 – ISO VG 46 – ISO VG 68 – ISO VG 100

Doill HYDROPRO HD series Hydraulic System Oil is a unique product of Doill technology, containing low zinc content, anti-wear, highly refined base oils.

Doill HYDROPRO HD is specially formulated to provide excellent anti-wear and thermal stability performance using the latest low zinc additive technology. Thanks to the careful blending of advanced additives with high-quality base oils, **Doill HYDROPRO HD** has excellent hydrolytic and oxidative stability while minimizing the tendency to form sludge and sludge. **Doill HYDROPRO HD** also protects ferrous and yellow metal-containing components in the hydraulic system against corrosion. **Doill HYDROPRO HD** can be used safely in most industrial hydraulic systems requiring anti-wear protection and DIN HLP quality oil, as well as in construction machinery and equipment, taking into account the manufacturer's recommendation. The **Doill HYDROPRO HD** series is compatible with elastomer materials commonly used in static and dynamic seals, such as nitrile, silicone and fluoropolymer.

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Lubricant Are Our Business

Contact Us: +90 850 302 41 40

www.doill.com.tr

e-mail: info@doill.com.tr

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