

TIGER X

HYDRO 68 HVLP

TIGER HYDRO 68 HVLP is formulated on the basis of highly ageing-resistant solvates containing additives that increase the aging resistance. Proper function and operating safety of hydraulic systems are largely influenced by the quality of the hydraulic medium. In addition to the task of transferring forces, the operating fluid must seal, cool and lubricate. Since hydraulic oils are exposed to high stress due to the operating conditions, they have to full fill a large number of requirements. TIGER HYDRO 68 HVLP zinc- containing HVLP hydraulic and general lubricating oils according to DIN 51524-3. Mineral oil-based, demulsifying.

APPLICATIONS

TIGER HYDRO 68 HVLP is high-quality products are used as hydraulic oil and as lubricating oil for various applications like bearings and gear boxes, even when a high viscosity index and good load carrying capacity is required. Especially recommended for applications where a low start-up viscosity at low temperatures and a higher viscosity at higher temperatures is required. Particularly suited to all applications in mobile and industrial hydraulic systems that require the use of an HVLP oil according to DIN 51524-3 with a wide service temperature range.

FEATURES

Very good viscosity temperature behavior . Very good wear protection. High aging resistance Good corrosion protection. Wide service temperature range. Good shear stability. Low foaming tendency. Good air release properties.

SPECIFICATION LEVEL

TIGER HYDRO 68 HVLP meets and exceeds the requirements of DIN 51524-3, HVLP. ISO 6743-4, HV . ISO 11158 . Denison HFO . Bosch Rexroth . Vickers. US Steel . Cincinnati Milacron.

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
ISO VG	DIN 51519	-	68
Kinematic viscosity at 40°C	DIN EN ISO 3104	mm ² /s	68
Kinematic viscosity at 100°C	DIN EN ISO 3104	mm ² /s	11.0
Viscosity index	DIN ISO 2909		153
Pour point	DIN ISO 3016	°C	-36
Flash Point COC	DIN ISO 2592	°C	240
Water Separability @ 54 °C	DIN 1401	-	Pass
FZG A/8.3/90: failure load Stage	DIN ISO 14635-1	-	11
Density at 15 °C	DIN 51757	kg/m ³	868

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

Black Tiger

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