

Aykos Hydro HVLP ISO VG 46



HVLP - Hydraulic oil to DIN 51524, Part 3

Product description and properties

Aykos Hydro HVLP ISO VG 46 is a hydraulic oil that impresses as a mineral oil-based high-performance hydraulic fluid with outstanding viscosity-temperature behaviour. The special additive combination improves corrosion protection, ageing resistance and wear protection, so that the requirements of DIN 51524 Part 3 are not only met but exceeded.

Aykos Hydro HVLP ISO VG 46 provides:

- Excellent high pressure and shear stability
- High viscosity index for optimum performance
- Compatibility with material coatings and sealing materials
- Reliable and easy filterability

Application

Aykos Hydro HVLP ISO VG 46 is a hydraulic oil that is particularly suitable as a pressurised fluid for outdoor use in year-round operation where temperatures fluctuate greatly. Typical applications include construction machinery, forklift trucks, scrap presses, machine tools and robots.

Specifications / Recommendations

DIN 51 524-2 (HM)

Denison HF0, HF1, HF2

Bosch Rexroth Fluid Rating List' RDE 90245

Reference values

Aykos Hydro HVLP ISO VG 46	unit	value	Method
ISO-VG class		46	DIN 51 519
Density at 15°C	kg/m ³	852	DIN 51 757
Kinematic viscosity at 40°C	mm ² /s	46,2	DIN 51 562
Kinematic viscosity at 100°C	mm ² /s	8,2	DIN 51 562
Viscosity index		154	DIN ISO 2909
Pourpoint	°C	-36	DIN ISO 3016
Flashpoint	°C	215	DIN ISO 2592

Article no: 119754-XXX

We reserve the right to make changes to the technical data.
Please observe the regulations of the machine manufacturer.
For further information, please refer to the safety data sheet.

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