

DIATEC HYD POWER 68

Technical Data Sheet

Application

Diatec HYD Power 68 oils for hydrostatic systems are manufactured basing on high quality mineral base oils and a set of enriching additives improving antiwear, anticorrosive and antioxidative properties. It provides:

- extended lifetime
- reduces reduces wear of hydraulic pump elements

Diatec HYD Power oils are intended mainly for heavyduty power transferring systems and for hydraulic driving and control systems i.e. hydraulic gears, control mechanisms and other alike devices operating in hard conditions or in increased temperature or humidity.

Recommended for:

Oils with viscosity grade of VG 32, 46, 68, 100, 150 have been approved for application in mining and are granted a certificate issued by the Central Mining Institute allowing to mark the product with the security sign.

Characteristics

Kenndaten/characteristics	ca. Werte/approx. val.	
Viskosität/viscosity 40°C	mm ² /s	66,2
Viskositätsindex/visc. index	-	99
Pourpoint/pour point	°C	- 30
Flammpunkt/Flash point (open cup)	°C	228
Resistance to foaming • susceptibility to foaming Schäumbeständigkeit • Schaumanfälligkeit: foam volume after 5 min. of blowing with air at 25°C foam durability: foam volume after 10 min. standing still at 25°C Schaumbeständigkeit: Schaumvolumen nach 10 min. still stehend bei 25°C	ml	30 0
Corrosion action on copper plates (100°C/3h) Korrosionsschutz auf Kupferplatten (100°C/3h)	degree of corrosion Grad der Korrosion	1a
Deemulsibility, time to oil/water emulsion separation: Deemulsibilität, Zeit bis zur Öl / Wasser-Emulsionstrennung: (@54°C, 25 min.)	40 - 43 ml of oil 37- 40 ml of water 0 - 3 ml of emulsion	
Ability to release air at 50°C 8 min. Fähigkeit, Luft bei 50°C freizusetzen		



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