

DIATEC HYD POWER 32

Technical Data Sheet

Application

Diatec HYD Power 32 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 32 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:

Bosch Rexroth RE 9022001 / MAG/ Cincinnati Machine P68 / Denison Hydraulics HF2/HF1/HF0 ZETOR (Proxima, Proxima Plus, Proxima Power, Forterra)

DIN 51524 part 2, ISO 67434

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	33,5
Viskositätsindex/visc. index	-	102
Pourpoint/pour point	°C	-35
Flammpunkt/Flash point (open cup)	°C	195
Resistance to foaming • susceptibility to foaming Schäumbeständigkeit • Schaumanfälligkeit: foam volume after 5 min. of blowing with air at 250°C	ml	50,0
foam durability: foam volume after 10 min. standing still at 250°C Schaumbeständigkeit: Schaumvolumen nach 10 min. still stehend bei 250°C		
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, 10 min.)		40 - 43 ml of oil 37- 40 ml of water 0 - 3 ml of emulsion 5
Ability to release air at 50°C Fähigkeit, Luft bei 50°C freizusetzen		
Appearance at 20 °C	-	Klar homogen, clear homogenous



Diatec International GmbH
Neuköllner Str 203 - 12357 Berlin Email : info@dticc.com
Website : www.dticc.com

TEL: 0049177588641 / 00493098539728

DIATEC

ART - NR./ PART-DT-LP 890



Characteristics can fluctuate within the usual commercial limits. The information in this publication is based on our current knowledge and experience. They free the user from possible influences the processing and application of our products not by our own tests and trials. A legally binding assurance of certain characteristics or suitability for a specific Purpose cannot be derived from our information. Any property rights as well as existing ones Laws and regulations are to be observed by the recipient of our products in their own responsibility.



Made in Germany