

Naturally.



Hyd32/46/68/09-1

Product Data Sheet

Binol Hyd 32, 46, 68

The Binol Hyd range consists of a series of environmentally acceptable hydraulic oils based on renewable vegetable and/or synthetic esters.

Binol Hyd products are recommended for mobile as well as stationary hydraulic systems under moderate to severe working conditions.

Specifications: Swedish Standard 15 54 34 BV 32, 46, 68 EAL, SP-green list and ISO 15380 HEES 32, 46 and 68.

Physical and Chemical Data (typical)

| Analysis | Method | Unit | 32 | 46 | 68 |
|------------------------------------|--|--------------------|----------------------|------|------|
| Viscosity at 40°C | ISO 3104 | mm ² /s | 30 | 42 | 62 |
| Viscosity at 100°C | | mm ² /s | 7,4 | 9,5 | 12,5 |
| Viscosity at -20°C | | mm ² /s | 730 | 1070 | 3000 |
| Viscosity Index | ASTM D 2270 | | 240 | 222 | 206 |
| Pour Point | ISO 3016, ASTM D 97 | °C | <-42 | <-42 | -36 |
| Density at 15°C | ISO 3675 | kg/m ³ | 920 | 922 | 929 |
| Foam | ISO 6247 Seq. 1 Seq. 2 Seq. 3 | ml | 50/0 20/0 50/0 | | |
| Corr. prot. steel 24 hrs, @60°C | ISO 7120 method A | | pass | | |
| Copper Corrosion 3 hrs, @100°C | ISO 2160 | | 1A | | |
| Compatibility, NBR1 | ISO 1817 | | pass | | |
| FZG | DIN 51354 | | 12 | | |
| Flash Point | SS-EN 22719, ASTM D 93 | °C | 214 | 214 | 266 |
| Vickers V105C | DIN 51389 vanes ring | mg | N/A | <2 | N/A |
| Vickers 35VQ25 | | mg | N/A | pass | N/A |
| Oxidation Stability Baader | DIN 51554-3 @110°C, 72 h @95°C, 72 h | % | <20 | | |
| | | % | <2 | | |

| Product codes | | 32302 | 32102 | 32106 |
|---------------|-----------------|---------|-------|---------|
| Packaging | Bulk (01) | On rec. | X | On rec. |
| | 1000-l IBC (02) | X | X | X |
| | 200-l drum (03) | X | X | X |
| | 20-l pail (05) | X | X | X |

Storage: In sealed container, protected from rain.

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