



Product Data Sheet

Binol Hyd 46X

Binol Hyd 46X is an environmentally acceptable hydraulic oil based on saturated and renewable esters. The product is recommended as a "long-life-product" for use in mobile as well as stationary hydraulic systems.

Binol Hyd 46X is developed with modern technology for highest performance, i.e. high viscosity index, high shear stability and good lubricating properties.

Binol Hyd 46X is characterised by its extreme high thermal properties. That will result in very long durability and drain intervals and low running costs.

Specifications: Swedish Standard 15 54 34 BV 46 EAL, ISO 15380 HEES 46, Volvo VCE 1286,1 and CAT BF-1 (not friction test).

Physical and Chemical Data (typical)

Analysis	Method	Unit	Results
Viscosity at 40°C	ISO 3104	mm ² /s	47
Viscosity at 100°C		mm ² /s	8,1
Viscosity at -20°C		mm ² /s	1 460
Viscosity Index	ASTM D 2270		153
Pour Point	ISO 3016, ASTM D 97	°C	-50
Density at 15°C	ISO 3675	kg/m ³	960
FZG	DIN 51354		12
Flash Point	SS-EN 22719, ASTM D 93	°C	214
Oxidation Stability Dry TOST	ASTM D943, mod, to Δ TAN 2,0	h	> 5000

Product code		32200
Packaging	Bulk (01)	On rec.
	1000-l IBC (02)	X
	200-l drum (03)	X
	20-l pail (05)	X

Storage: In sealed container, protected from rain.