



Bio-Sinth 46 | Biodegradable hydraulic fluid

Property

- outstanding seal compatibility
- very high resistance to wear, corrosion and foaming
- excellent low temperature behaviour
- constant viscosity and excellent oxidation stability (ageing stability)
- fully synthetic, water-resistant hydraulic fluid and lubricant based on saturated esters
- miscible with other mineral, synthetic or plant-based hydraulic fluids
- no sticking and gumming of hydraulic systems

Application area

- ideal for summer and winter use
- can be used where an ISO VG 32, 46 or 68 hydraulic fluid is required

Biodegradability

- >60% in 28 days (OECD 301B)

Note

- Technical data subject to change without notice. Please observe the vehicle or machine manufacturer's directions. Please refer to the safety data sheet for further information.
- When changing to BIO SINTH, shorten the first oil change interval to ensure that any residual fluid is removed ↓ more rapidly effective biodegradability. Please observe the change guidelines pursuant to VDMA 24569.

Typical properties

Property	Unit	Value
Viscosity ISO	-	46
Color	-	yellow
Viscosity @ 40°C	cSt	46
Viscosity @ 100°C	cSt	9
Viscosity index	-	181
Density @ 15°C	kg/l	0.948
Pour Point	°C	-45
Flash Point	°C	270

Available packaging

25 L canister	54 kg drum (approx. 57 L)
180 kg drum (approx. 190 L)	

Specifications

Blauer Engel
DIN 51524-2 HLP*
DIN 51524-3 HVLP
DIN ISO 15380 HEES
Eaton Brochure 03-401-2010
EU Ecolabel
Parker Denison HF-1, HF-2, HF-6
Swedish Standard SS 15 54 34
VDMA 24568, 24570

* Additional Specifications