

BECHEM Hydrostar HEES 46 EEL

Biodegradable high performance hydraulic fluid



Examples of Application

- Forestry and timber industry
- Horticulture and landscaping
- Mobile hydraulics in drainage areas and road construction
- Off-Shore and harbour equipment
- Municipal vehicle and facilities
- Vehicles for ski racing track maintenance
- Lifting platforms, fork lift
- Hydraulic engineering, sluices
- Water power plants
- Sewage plant
- Fresh water recovery
- Floater dredgers
- Water maintenance boats
- Paper presses
- Concrete pumps
- Track laying machinery

Properties

- Environmentally compatible thanks to rapid biodegradability: OECD 301 B: > 81%
- Lower service temperatures through lower friction values
- Wide service temperature range
- Extended oil changing intervals
- For-life lubrication thanks to high resistance to ageing
- Not subject to special labelling acc. to "GefStoff" (regulations for hazardous materials)

Approvals/References

- Fulfils DIN ISO 15380
- VDMA 24568
- EU Ecolabel
- Awarded with UZ 79 "Blue Angel"



Characteristic data

- Service temperature: -30 °C to +90 °C, short term +120 °C
- Appearance: light yellow
- Saturated ester

Kin. viscosity at 0/40/100 °C	mm ² /s	375/46/9	DIN 51562
Density at 15 °C	g/cm ³	0,953	DIN 51757
Viscosity index		160	DIN ISO 2909
Pour point	°C	-45	DIN ISO 3016
Flash point	°C	250	DIN ISO 2592
Steel corrosion	degree	passed	DIN ISO 7120
Copper corrosion	degree	1	DIN ISO 2160
Foam behaviour S1- S2 - S3	ml	0/0-0/0-0/0	ISO 6247
Dry TOST	hours	> 6000	DIN 4263-3
FZG-test A/8, 3/90	load stage	≥ 12	DIN ISO 14635-1

The above data correspond to latest technology, modifications reserved. This information is intended as a guide and does not necessarily represent a marketing specification. In individual cases tests have to be carried out by the consumer. Further data upon request.

Lubrication Solutions for Industry

BECHEM develops, produces and sells high-performance lubricants and process media all over the world. The product range covers the fields of special lubricants, lubricants for industry and lubricants for metal working and forming technology. All product formulations are based on latest tribological knowledge.

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