



# TECHNICAL DATA SHEET

## HYDRAULIC BIO-D 46

Product Type 46 BIODEGRADABLE HYDRAULIC FLUID  
Product Code N423

### Description

Biodegradable hydraulic oil based on superior synthetic esters, suitable for use in high temperature ranges

### Benefits

- Very high level of biodegradability
- High oxidation stability
- Extended drain intervals
- Environmentally friendly

### Specifications

Always check the owner's manual for the correct oil specification to use.

- ISO 15380 HEES
- Swedish Standard SS 15 54 34



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### Typical Properties

| Viscosity Grade   | ISO VG      | -                  | 46    |
|-------------------|-------------|--------------------|-------|
| Viscosity @ 100°C | ASTM D-445  | mm <sup>2</sup> /s | 9,3   |
| Viscosity @ 40°C  | ASTM D-445  | mm <sup>2</sup> /s | 46,0  |
| Viscosity Index   | ASTM D-2270 | -                  | 190   |
| Pour point        | ASTM D-5950 | °C                 | -39   |
| Specific gravity  | ASTM D-4052 | -                  | 0,919 |
| Flash point       | ASTM D-92   | °C                 | 281   |

### Health and Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained.

A safety data sheet is available on request.

### Disposal

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.



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