



# OPUS LUBRICANTS PRODUCT DATA

## BIO HYDRAULIC ISO 46

### Description

**BIO Hydraulic 46** is a biodegradable high VI hydraulic fluid, blended from natural vegetable oils. BIO Hydraulic 46 incorporates the latest advances in modern additive technology, which ensures good oxidation stability, good anti-corrosion and excellent anti-wear characteristics. BIO Hydraulic 46 is non-scorch, non-toxic and ecologically more friendly to the environment.

### Applications

BIO Hydraulic 46 should be used in all hydraulic systems where leakage may contaminate the soil, resulting in pollution of our natural waterways, i.e. in forestry and agricultural machinery, golf courses and earthmoving equipment. Because of its excellent low pour point (-26°C) and its high viscosity index stability (maximum operating temperature of +120°C).

BIO Hydraulic 46 will ensure excellent lubrication and all year-round protection.

Oil change intervals must be in line with manufacturers' instructions. When changing from mineral oil to biodegradable fluids, systems must be drained completely, as contamination from mineral oil would reduce biodegradability.

### Benefits

- Non-scorch
- Non-toxic
- 98% biodegradability
- Anti-wear properties
- Anti-corrosion characteristics
- All year-round protection

### Technical Data

|                           |               |                |
|---------------------------|---------------|----------------|
| Specific Gravity          | @ 15.5 °C:    | 0.925          |
| Kinematic Viscosity       | @ 100 °C cSt: | 8.5            |
|                           | @ 40 °C cSt : | 43.0           |
| Viscosity Index:          |               | 210            |
| Pour Point °C (ASTM D97): |               | -26            |
| Flash Point °C:           |               | 330            |
| Oxidation (mins):         |               | 200            |
| Cu Corrosion (ASTM D130): |               | 1A             |
| Biodegradability:         |               | >98%           |
| Phytotoxicity:            |               | Non phytotoxic |
| WGK Classification:       |               | 0              |

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