

## EXSYM Hydroflow Bio SB HVLP 46

High quality hydraulic oil

**ST-BIOHYD-4137**  
**Biodegradable Hydraulic oils**

### Product Description and Benefits

This is a high quality hydraulic oil based on biodegradable synthetic esters under addition of additives to obtain the following properties:

- a high and stable viscosity index
- excellent wear-preventing properties
- a very good activity against corrosion
- an excellent stability against oxidation (even at high temperatures)
- very good deaerating and foam suppressing properties
- a good compatibility with seals and gaskets made from synthetic material
- a very low pour point
- good water separation
- reduced harm for water and soil during use
- contains a large fraction of biobased material

### Application

This biodegradable hydraulic oil is of high quality and suitable for heavy duty hydraulic systems of earthmoving equipment and permanent installations, that have to work under high pressures over a wide temperature range. This hydraulic oil is especially developed for situations where pollution of the environment is expected and where very high operating temperatures can be realised.

### EXSYM Hydroflow Bio SB HVLP 46 meets the following performance specifications:

DIN 51524, HVLP      FZG > 12      CEC-L33-T82>90% (3 weeks)      Ecolabel  
Elastomer Compatibility:    Tested Nitrile Butadiene NBR1-pass    Tested Fluor Carbon FMK2-pass

### Typical Analysis

Property	Unit	Typical Value
Density @15°C	kg/	0,918
Viscosity 40 °C	mm <sup>2</sup> /s	48,10
Viscosity 100 °C	mm <sup>2</sup> /s	9,35
Viscosity Index		182
Flash Point COC	°C	270
Pour Point	°C	-40
Acid number	mgKOH/g	3,31

### Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment. EXSYM check oil level design is trade mark of EXSYM MOBIL LTD. or one of it's subsidiaries. More information available: