

# EXSYM Hydrofolw ZF HD3 HVLPD 46

A high-grade zinc-free, detergent multigrade EP hydraulic oil

NS-HYD-4132

Hydraulic oils

## Product Description and Benefits

A high-grade zinc-free, detergent multigrade EP hydraulic oil based on carefully selected high quality Group II refined base oils 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
- ability to absorb a certain amount of water without becoming turbid and without any detrimental effects on its other properties
- highly effective combat stick-slip phenomena
- very good deaerating and foam suppressing properties
- good compatibility with seals and gaskets made from synthetic material
- a low pour point

## Application

This detergent hydraulic fluid is of tailor made quality for heavy duty hydraulic systems of earthmoving equipment and of permanent installations, where small amounts of water can penetrate into the system that have to work under high pressures over a wide temperature range. This hydraulic fluid may also be used for lubricating systems, general lubrication and vacuum pumps (with the exclusion of turbines). This oil can be used in systems with silver parts.

EXSYM Hydrofolw ZF HD3 HVLPD 46 meets the following performance specifications:

DIN 51524-3, HVLPD 46

## Typical Analysis

Property	Unit	Typical Value
Density @15°C	kg/	0,867
Viscosity 40 °C	mm <sup>2</sup> /s	46,00
Viscosity 100 °C	mm <sup>2</sup> /s	8,32
Viscosity Index		158
Pour Point	°C	-48

## 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:**