



# STRUB Vulcolube Synt HEES

Biodegradable hydraulic oils



## Description

Synthetic, based on saturated esters biodegradable shear stable high performance hydraulic oils. STRUB Vulcolube Synt HEES has an extremely favorable viscosity-temperature behavior, is equally resistant to high temperatures and low temperatures and has excellent oxidation stability. Specially selected additives prevent spontaneous oil aging and the associated deposits and gumming, even at high operating temperatures. The raw materials and the additives are environmentally compatible and, in the event of leakage, are largely degraded by microorganisms present in the soil or water.

STRUB Vulcolube Synt HEES does not attack seals and machine paints, has no tendency to foam. STRUB Vulcolube Synt HEES exhibits very good wear and corrosion protection.

## Application

For almost all hydraulic systems, especially where environmental compatibility is required. For hydraulic systems of construction machinery, vehicles, machine tools, presses and other equipment such as hydraulic engineering, fresh water extraction, dredgers, water boats, locks, freight elevators, food industry, cold storage, forestry, etc.

Please observe the manufacturer's instructions when switching from mineral oil to STRUB Vulcolube Synt HEES.

## Features and advantages

- extended oil life
- biodegradable
- excellent oxidation stability (High Performance Fluid)
- excellent cold flow behavior / very low pour point
- excellent high pressure properties
- ideal viscosity-temperature behavior, shear stable

## Specifications

ISO 15'380 HEES, VDMA 24568 HEES VDMA 24568 ASTM D 943 (Dry TOST test) > 2000 h HPDSC, 220°C > 50 min.
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