

## Hydraulic 46 HLP

Description Stirlings Hydraulic 46 HLP. A high grade EP hydraulic oil based on selected solvent refined base oils having a natural viscosity index, under addition of additives to obtain the following properties:

- an excellent protection against wear
- a very good activity against rust and corrosion
- an excellent stability against oxidation
- very good demulsification properties
- very good deaerating and foam-suppressing properties
- good compatibility with seals and gaskets made from synthetic material
- low pour point

Application This type of hydraulic fluid may be used for heavy duty hydraulic equipment, as well as for light duty gear boxes and bearings. This hydraulic oil may also be used for lubrication systems, general lubrication and vacuum pumps (with the exclusion of turbines).

Specifications Performance level:  
AFNOR NF E 48-603 HM  
ASTM D 6158 HM  
Cincinnati Machine P-70  
Denison HF-0/HF-1/HF-2  
DIN 51524-2 HLP  
Eaton Brochure 694 for 35VQ25A  
GM LS-2  
ISO 11158 HM

Typicals

Density at 15 °C, kg/l	0,877
Viscosity 40 °C, mm <sup>2</sup> /s	46,60
Viscosity 100 °C, mm <sup>2</sup> /s	6,76
Viscosity Index	98
Flash Point COC, °C	212
Pour Point, °C	-39
Acid number, mgKOH/g	1,50
Sulphate Ash, %	0,06