

## Hydraulic Plus AW HLP 46

### Description

High grade EP hydraulic oil based on high refined base oils with high purity having a natural viscosity index, under addition of advanced additives to obtain the following properties:

- excellent protection against wear
- very good activity against rust and corrosion
- 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

Hydraulic Plus AW hydraulic oils are recommended for heavy duty hydraulic systems operating in industrial plants and outdoors in mobile equipment. Hydraulic Plus AW fluids may be used in systems equipped with fine filters down to 2,5 microns without loss of additives or causing filter plugging.

### 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 (without turbines). This fluid is **not** compatible in systems, containing parts or equipment with a silver lining.

### Exceed Performance Level

AFNOR NF E 48-603 HM  
ASTM D6158 HM  
Cincinnati Machine P-70 P-69 P-68  
Denison HF-0/HF-1/HF-2  
DIN 51524-2 part 2 HLP  
Eaton Brochure 694 for 35VQ25A  
Eaton E-FDGN-TB002-E Komatsu  
HPV35+35 pump test  
GM LS-2  
ISO 11158 HM

### Typicals

Density at 15 °C, kg/l	0,870
Viscosity 40 °C, mm <sup>2</sup> /s	46,00
Viscosity 100 °C, mm <sup>2</sup> /s	7,11
Viscosity Index	126
Flash Point COC, °C	215
Pour Point, °C	-30
Acid number, mgKOH/g	0,40
Sulphate Ash, %	0,05