



Neste Hydraulic 46

Hydraulic oil for outdoor use

PERFORMANCE CLAIMS

ISO VG 46

ISO 11158 HV

DIN 51524-3 HVLP

SS 15 54 34 AV

Eaton Vickers I-286-S, M-2950-S

DESCRIPTION

Neste Hydraulic 46 is a high quality universal hydraulic oil for outdoor use. This oil is designed especially for off-highway applications and agricultural machines. Neste Hydraulic 46 has excellent shear stability which means that the viscosity does not drop even during long drain intervals. The high quality base oil and premium grade additives give excellent protection against wear, foaming, corrosion and oxidation. If even wider operating temperature range and better cold properties are required, we recommend the use of Neste Hydraulic Super-series hydraulic oils.

FEATURES AND BENEFITS

- Wide operating temperature range
- Very good shear stability
- Effective protection against corrosion
- Good anti_wear properties

TYPICAL CHARACTERISTICS

Density 15 °C	865	kg/m ³	ASTM D4052
Flash Point (COC)	220	°C	ASTM D92
Pour Point	-39	°C	ASTM D5949
Viscosity @ 100 °C	8	cSt	ASTM D445
Viscosity @ -10 °C	1040	cSt	ASTM D445
Viscosity @ 40 °C	46	cSt	ASTM D445
Viscosity @ -20 °C	3010	ASTM D445	cSt ASTM D445
Viscosity Index	146		ASTM D2270

APPLICATIONS

Neste Hydraulic 46 is suitable for hydraulic systems in both mobile and industrial applications. Typical applications for Neste Hydraulic 46 are excavators, forestry- and agricultural machines, earth movers, fork-lift trucks etc.