



Neste Hydraulic 46 Super

Super grade hydraulic oil

PERFORMANCE CLAIMS

ISO VG 46

ISO 11158 HV

DIN 51524-3 HVL

SS 15 54 34 AV

AFNOR NFE 48-603, NFE 48-690/1

Cincinnati Milacron P-70

Denison HF-0, HF-1, HF-2 (2003)

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

DESCRIPTION

Neste Hydraulic 46 Super is top quality Super-class multigrade hydraulic oil for demanding outdoor use. It has an extremely wide operating temperature range and superb cold properties. Cold properties and high viscosity index enable best performance even in extremely cold conditions. Special additives developed for extreme conditions give effective protection against wear, oxidation and corrosion. Due to its good air release and demulsibility properties it can be used even in severe conditions.

FEATURES AND BENEFITS

- Extra wide operating temperature area
- Excellent anti_wear properties
- Effective protection against corrosion

TYPICAL CHARACTERISTICS

Density 15 °C	865	kg/m ³	ASTM D4052
Flash Point (COC)	212	°C	ASTM D92
Pour Point	-45	°C	ASTM D5949
Viscosity @ 100 °C	9,3	cSt	ASTM D445
Viscosity @ -20 °C	2150	cSt	ASTM D445
Viscosity @ 40 °C	46	cSt	ASTM D445
Viscosity @ -30 °C	7530	ASTM D445	cSt ASTM D445
Viscosity Index	190		ASTM D2270

APPLICATIONS

Neste Hydraulic 46 Super is suitable for hydraulic systems in both mobile and outdoor industrial applications. Neste Hydraulic 46 Super is developed for around-the-year use when temperature is low when starting and high during operating the hydraulic systems. Neste Hydraulic 46 Super can be used also in extremely low temperatures when pre-heating is utilised if needed. Neste Hydraulic 46 Super is used for example in excavators, forestry equipment, earth movers, forklift trucks, cranes etc. hydraulics.