



Neste Hydraulic 46 Super

Super grade hydraulic oil

PERFORMANCE CLAIMS

DIN 51524 part 3 HVLP

ISO 11158 HV

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

SS 15 54 34 AV

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 de-emulsibility properties it can be used even in severe conditions.

SPECIAL FEATURES AND BENEFITS

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

TYPICAL CHARACTERISTICS

Density kg/m ³ 15°C	865
Flash Point °C (COC)	212
Pour Point °C	-45
Viscosity index	190
Viscosity cSt/ 40 °C	46
Viscosity cSt/ 100 °C	9.3
Viscosity cSt/-20 °C	2150
Viscosity cSt/-30 °C	7530

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 equipments, earth movers, forklift trucks, cranes etc. hydraulics.