



## Neste Biohydraulic SE 46 N

Biodegradable hydraulic fluid

### PERFORMANCE CLAIMS

ISO 15380 L-HEES

SS 15 54 34 Environmentally acceptable

### DESCRIPTION

Neste Biohydraulic SE 46 N is a fully synthetic biodegradable hydraulic oil with improved oxidation stability. It's manufactured from fully renewable raw materials of natural origin. It is not toxic and it is environmentally friendly. Neste Biohydraulic SE 46 N is suitable especially for hydraulic applications where leakages and hose damages can lead to oil spills in nature and cause a serious environmental hazard.

### SPECIAL FEATURES AND BENEFITS

- Environmentally friendly
- Good oxidation stability
- Extra wide operating temperature range
- Longer drain intervals

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### TYPICAL CHARACTERISTICS

Density kg/m <sup>3</sup> 15°C	920
Flash Point °C (COC)	310
Pour Point °C	-48
Viscosity index	198
Viscosity cSt/ 40 °C	44.9
Viscosity cSt/ 100 °C	9.4
Viscosity cSt/-20 °C	1290
Air release time (min)	1
Water separation time (min)	5
FZG fail load stage	12
Oxidation stability RPVOT (min)	96

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### APPLICATIONS

Neste Biohydraulic SE 46 N is especially suitable for hydraulic systems in forestry machines, earth movers, wood handling machines, tractors and marine applications around the year.

Neste Biohydraulic SE 46 N can be mixed with other synthetic ester based hydraulic fluids.

Neste Biohydraulic SE 46 N can be used instead of ordinary mineral oil based hydraulic oils. When changing from mineral based oils to Neste Biohydraulic SE 46 N, the system is strongly recommended to be emptied and flushed to ensure the technical performance and biodegradability.

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