



Neste Industrial Gear NEX 680 EP

Fully synthetic industrial EP gear oil

PERFORMANCE CLAIMS

DIN 51517-3 (CLP)

ISO-L-CKC 680

AGMA 9005-E02 8 EP

Flender approval (helical-, bevel- and planetary gear units)

DESCRIPTION

Neste Industrial Gear NEX EP Series oils are fully synthetic industrial gear oils for heavily loaded gearboxes. The product series's oils have excellent wear, rust and anti-oxidation properties. Neste Industrial Gear NEX EP oils have much longer service life than mineral oils. Very high viscosity index guarantees higher lubrication film at high temperatures than mineral oils. The product series's oils have excellent FZG Micropitting properties.

SPECIAL FEATURES AND BENEFITS

- Very good anti-wear properties even in severe conditions
- world class EP-additives
- contains modern additives that provide long-term protection against corrosion
- The high viscosity index ensures an adequate lubrication film at high temperatures

TYPICAL CHARACTERISTICS

Density kg/m ³ 15°C	906
Flash Point °C (COC)	226
Pour Point °C	-33
Viscosity index	167
Viscosity cSt/ 40 °C	680
Viscosity cSt/ 100 °C	66
Brookfield viscosity -26 °C mPas	300 000

APPLICATIONS

Neste Industrial Gear NEX EP oils are recommended for heavy loaded industrial gears for indoor and outdoor use. For particularly cold conditions, if the gearbox does not have oil heating, we recommend Neste Gearbox S EP Series oils.