



NESTE VAIHTEISTO 220 EP, 320 EP, 460 EP, 680 EP

ISO VG 220, 320, 460, 680

Neste Vaihteisto EP oils are made of top-quality paraffinic base oils mixed with unleaded extreme pressure additives containing phosphorus and sulphur.

Special features of Neste Vaihteisto EP oils:

- high pressure resistance, excellent oxidation resistance
- high flash point, good tackiness with metals
- good water separation, good rust resistance

TYPICAL CHARACTERISTICS	220 EP	320 EP	460 EP	680 EP
Densitykg/m ³ 15°C	892	898	902	902
Flash Point°C (COC)	226	256	278	268
Pour Point°C	-24	-12	-15	-12
Viscosity Index	97	96	98	102
ViscositycSt/ 40 °C	220	320	460	680
ViscositycSt/ 100 °C	19	24,2	31,1	41,7
Rust test ASTM D 665 B	pass	pass	pass	pass
FZG test (A/8.3/90)	>12	>12	>12	>12
Four-ball test, welding load kg	250	250	250	250

Neste Vaihteisto EP oils are recommended for lubricating heavy-duty gears. They are also suitable for many heavily loaded sleeve and rolling bearings, and can be used for vibrating and over-loaded objects. The eight different Neste Vaihteisto EP oils include a suitable grade for every gear type, every size and every performance. Neste Vaihteisto 320 EP and 460 EP are particularly suitable for industrial worm gears.

Neste Vaihteisto-oils fulfils following requirements:

ISO-L-CKC 220, 320, 460, 680
DIN 51517 Part 3 (CLP)
AGMA 250.04, 9005-D94
David Brown S 1.53.101 Type E
US Steel 220,224
Flender (18/10/01 rev. 3) (ISO 220-680)

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Technical service
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