



NESTE VAIHTEISTO S 68 EP, S 100 EP, S 150 EP S 220 EP

Special synthetic gear oils (1/2)

ISO VG 68, 100, 150, 220

Neste Vaihteisto S-EP oils are based on a fully synthetic base liquid that gives them excellent cold operation properties and excellent stability at high running temperatures.

Neste Vaihteisto S-EP oils contain effective extreme pressure (EP) additives which make them ideal for industrial heavy-duty gears and circulation lubrication systems.

Special features of Neste Vaihteisto S-EP oils:

- excellent high-pressure and high-temperature resistance
- extremely good cold operation properties
- long oil change intervals
- lower energy consumption
- high natural viscosity index
- high flash point
- good water separation, separable if necessary
- good corrosion resistance
- can be mixed with mineral oils in all proportions

TYPICAL CHARACTERISTICS	S 68 EP	S 100 EP	S 150 EP	S 220 EP
Densitykg/m ³ 15°C	850	843	848	849
Flash Point°C (COC)	228	220	266	238
Pour Point°C	-57	-54	-52	-48
Viscosity Index	146	152	155	158
ViscositycSt/ 40 °C	68	100	150	220
ViscositycSt/ 100 °C	10,7	14,7	20,1	26,5
FZG load stage (A/8.3/90)	>12	>12	>12	>12

Fully synthetic Neste Vaihteisto S-EP oils are used in industrial heavy-duty gears and circulation lubrication systems, particularly where starting is at low temperatures, where the running temperature is high or where there is a lot of temperature fluctuation. These oils reduce energy consumption and improve lubrication efficiency universally.

Since these are multigrade oils, one Neste Vaihteisto S-EP covers several ISO-VG application areas. This helps avoid seasonal oil changes in outdoor use and reduces the number of oil grades required. At high running temperatures, oil change intervals can often be extended many times over.

Neste Vaihteisto-oils fulfils following requirements:

ISO-L-CKC 68, 100, 150, 220

DIN 51517 Part 3 (CLP)

AGMA 250.04, 9005-D94

David Brown S 1.53.101 Type E

US Steel 220,224

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Technical service

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