

Eurol Synmax NG ISO-VG 320

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Product information

Eurol Synmax NG ISO-VG 320 is specifically developed for the lubrication of all types of heavily loaded gear transmissions and worm gear drives, particularly in high-temperature applications.

Eurol Synmax NG ISO-VG 320 is approved for Flender AS 7300 Rev 16.2, thereby meeting and exceeding Flender requirements.

Eurol Synmax NG ISO-VG 320 is a mild EP oil with excellent anti-oxidation, anti-wear, and anti-corrosion properties, as well as EP (Extreme Pressure) properties.

Eurol Synmax NG ISO-VG 320 has a low friction coefficient thanks to the synthetic base oils, resulting in lower energy consumption and reduced operating temperatures.

Eurol Synmax NG ISO-VG 320 has excellent oxidation and thermal stability, allowing for longer oil change intervals and reducing maintenance costs.

The evaporation loss is minimized thanks to the synthetic base oil. Combined with the high viscosity index, a thicker lubricating film is formed at high operating temperatures than with mineral products of the ISO-VG class.

Eurol Synmax NG ISO-VG 320 protects metal parts (including copper) against oxidation and corrosion, even if the system is contaminated with water. The oil quickly separates the water from the oil. Thanks to the excellent compatibility with common rubber materials, quality loss and swelling of sealing materials are prevented.

Approved

- Flender AS 7300 Rev 16.2

Performance level

- SEW 07 004 05 13
- ZF ZFN-W17-145

Physical properties

Characteristic	Value/Result	ASTM Standard
Color	light yellow	
Density at 20°C	0.85 kg/l	ASTM D 4052
Viscosity, kinematic at 40 °C	321.2 cSt	ASTM D 445
Viscosity, kinematic at 100 °C	42.0 cSt	ASTM D 445
Viscosity index	186	ASTM D 2270
Flash point	228 °C	ASTM D 92
Pour point	-42 °C	ASTM D 97

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