

S.P.G. 250 / 500

Synthetic high-performance gear oils

The benefits at a glance

- Very good wear protection
- Fully synthetic
- High micro-pitting resistance
- Ageing and oxidation stable
- Wide operative temperature range



Properties

Rivolta S.P.G. 250 and **Rivolta S.P.G. 500** are fully synthetic high-performance gear oils based on polyglycol, specially developed for the lubrication of highly loaded gears, such as worm gears. The very high viscosity index ensures functional safety in a wide temperature range. The combination of a very low coefficient of friction and excellent wear protection properties offer a high efficiency and a long oil lifetime.

S.P.G. 250 / 500 far exceed the requirements for gear oils according to DIN 51517-3.

Fields of application

Rivolta S.P.G. 250 and **Rivolta S.P.G. 500** are particularly suitable for use in gearboxes such as e.g. helical gears, worm gears offset level gears or bearings, such as e.g. oil-lubricated roller and plain bearings.

Form	liquid
Colour	clear, amber
Odour	neutral

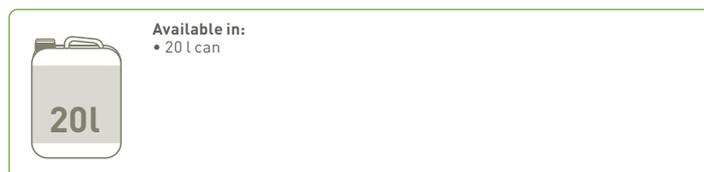
Material compatibility

Not miscible with other base oils. Miscible with polyalkylene glycol.

Instructions for use

Before a new filling with a product of the **Rivolta S.P.G.** line the following steps have to be carried out. First drain the old product at operating temperatures. If the system was filled with a miscible product, a rinsing process is not required. If the system was filled with oil that is not miscible, please contact our application engineering.

Suitable application devices and accessories in our [accessories brochure](#).



	Value		Norm
	S.P.G. 250	S.P.G. 500	
Density at +15 °C	1,07 g/cm ³		DIN 51757
ISO viscosity grade	220	460	DIN ISO 3448
Viscosity index	> 215	> 240	DIN ISO 2909
Kine. Viscosity at +40 °C	220 mm ² /s	460 mm ² /s	DIN 51562-1
Kine. Viscosity at +100 °C	36,2 mm ² /s	74,9 mm ² /s	DIN 51562-1
Flash point	> 240 °C		DIN EN ISO 2592
Pour point	-36 °C	-33 °C	DIN ISO 3016
Operative temperature range	-33 °C up to +160 °C	-30 °C up to +160 °C	-
F.Z.G.-Test A/8,3/90	> 14		DIN ISO 14635-1
F.Z.G.-Test A/16,6/140	> 12		DIN ISO 14635-1
Corrosion protection to steel	0-A		DIN ISO 7120
Corrosion protection to copper	1a		DIN EN ISO 2160



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