

# 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.

<b>Form</b>	liquid
<b>Colour</b>	clear, amber
<b>Odour</b>	neutral

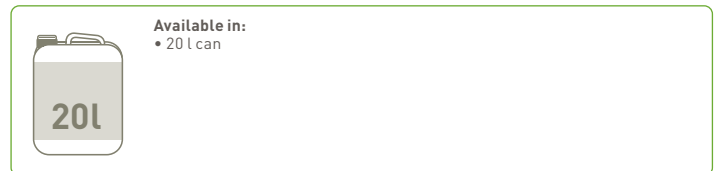
## Material compatibility

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



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