

SynGear PS Series

Premium industrial gear/bearing



Your benefits at a glance

- High scuffing protection
- Excellent wear protection
- Good shear stability
- Excellent ageing and oxidation resistance
- Low foaming tendency
- Anti-corrosive properties

Your requirements - our solution

Summit SynGear PS Series is a specially formulated high performance lubricant designed for heavy-duty industrial gear systems. The advanced additive package incorporated in this industrial gear oil provides high scuffing protection, excellent wear protection and good shear stability. SynGear PS Series offers a longer service life than standard mineral based gear oils due to the excellent ageing and oxidation resistance of the selected raw materials. Its low foaming tendency and anti-corrosive properties enable problem free gear operation.

Application

SynGear PS Series is specifically developed for the lubrication of industrial spur, helical, and bevel enclosed gearing which is subject to high loads.

Application notes

SynGear PS Series can be applied by means of immersion, immersion circulation or injection. The use of drip-free oilers, brushes, oil cans or automatic lubricating systems is also possible.

° C	-35	-30	215	230	235
° F	-31	-22	419	446	455

Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	SynGear PS-150	SynGear PS-220	SynGear PS-320	SynGear PS-460
Article number	340480	340551	340535	340552
Density	0.879 g/cm ³	0.882 g/cm ³	0.869 g/cm ³	0.889 g/cm ³
Flash point	215 °C	230 °C	235 °C	230 °C
ISO viscosity grade	150	220	320	460
Kinematic viscosity, 100°C	15.3 mm ² /s	19.7 mm ² /s	24.3 mm ² /s	31.8 mm ² /s
Kinematic viscosity, 40°C	153 mm ² /s	228 mm ² /s	314 mm ² /s	468 mm ² /s
Viscosity index	101	99	98	99
Copper corrosion	1b - - corrosion degree	1b - - corrosion degree	1b - - corrosion degree	1b - - corrosion degree
Steel corrosion	passed	passed	passed	passed
Pour point	-34 °C	-32 °C	-29 °C	-29 °C
FZG scuffing test	12+	12+	12+	12+

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Characteristics	SynGear PS-150	SynGear PS-220	SynGear PS-320	SynGear PS-460
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 months	36 months

Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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