# SARGEAR SYNTH PAG 680

Last Updated: 09.01.2025
Product Code: PAG0680

SARGEAR SYNTH PAG 680 is a premium quality, 100% synthetic polyalkylene glycol based extreme pressure industrial gear oil formulated to create a lubricant with exceptional thermal properties. The very high viscosity index offers fluidity down to very low temperatures as well as excellent film strength at elevated temperatures.

## APPLICATION

Recommended for heavily-loaded industrial gearboxes, worm wheel boxes, oven conveyor chains etc. and other applications where elevated temperature conditions are encountered.

N.B. – Do not mix with mineral-based products – if changing the system from mineral-based oils, then flush thoroughly with the relevant Sargear Synth PAG grade before use. Seals previously exposed to mineral oils may shrink after changing to Sargear Synth PAG, so it is recommended to replace these when changing oils.

## BENEFITS

- Excellent thermal stability provides optimal lubrication at high and low temperatures, even at heavy loads.
- Exceptional wear protection extends life span of the installation and reduces maintenance.
- Excellent oxidation stability provides extended fluid life, even at higher working temperatures.
- Formulated to provide enhanced protection against rust and corrosion.
- Very good compatibility with plugs and seals.

## PERFORMANCE PROFILE

- DIN 51517 Part 3 (CLP)
- David Brown Type G

## TYPICAL PROPERTIES

| | |
|---|---|
| Density @ 20°C, kg/m3 | 1.072 |
| Viscosity @ 100°C, mm2/s | 122 |
| Flash Point °C | > 250 |
| Pour Point °C | – 28 |

## HEALTH & SAFETY

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.

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