



Syngear PAO Range

Synthetic industrial gear oils

Product code: Refer to table below

Product Description:

The Syngear PAO range consists of synthetic, high performance gear lubricants designed to operate in extreme conditions whilst maintaining optimum component and lubricant life. The Syngear PAO range of lubricants contain a carefully balanced, state-of-the-art additive system which is designed to protect against scuffing and reduce fatigue related failures caused by issues such as micropitting.

Benefits:

- Extended component life
- Reduced operating temperatures
- Able to operate in extremes of temperature
- Easy changeover from mineral oils
- Reduced energy consumption
- Extended lubricant life and drain intervals with consequent reduced maintenance costs

Product Specification:

The Syngear PAO range meets or exceeds the following specifications:

DIN	51517 Part 3
AIST	224
David Brown	S1.53.101 (E)

AGMA	9005-E02 (EP)
Flender Industrial Gear	Rev. 9 (2005)

Typical Test Data:

Syngear PAO	32	46	68	100	150	220	320	460	680
Product Code	G154	G156	G136	G140	G142	G138	G146	G148	G150
Specific Gravity @ 15°C	0.848	0.850	0.851	0.853	0.854	0.855	0.856	0.856	0.857
Kinematic Viscosity @ 40°C (cSt)	29.7	45.1	67.3	108.0	158.0	217.0	335.0	475.0	680.0
Kinematic Viscosity @ 100°C (cSt)	5.7	7.8	10.7	15.0	21.0	26.0	37.0	48.0	63.0
Viscosity Index	136	143	148	145	156	152	158	160	162
Pour Point (°C)	-45	-45	-43	-42	-42	-40	-40	-36	-24

Health & Safety:

Please refer to the safety data sheet, a copy of which is freely available to all of our customers.