

TECHNICAL DATA SHEET



Product code: see below table **Sector:** Industrial **Issue No:** 4 **Issue Date:** 28/10/24

MILLGEAR EP RANGE

Millgear EP is a range of mineral oil based gear oils with extreme pressure additive technology for lubrication and protection of gear teeth, even under high load conditions.

Application

Use as received for industrial gear applications including spur, helical and bevel gears.

Features & Benefits

- Extreme pressure protection for reduced wear and extended equipment life.
- Excellent thermal stability for increased oil life and re-lubrication intervals.
- Consistent film thickness for protection against micropitting according to FVA 54/7 test.
- Minimised deposit formation for improved oil cleanliness and reduced maintenance.
- Good compatibility with elastomers and seals for longer seal life and reduced maintenance.

Performance Profile

- DIN 51517 Part 3 CLP
- ISO 12925-1 CKC
- AIST (US Steel) 224
- AGMA 252.04, AGMA 9004-D95, AGMA 9005-E02, AGMA 9005-F16
- Cincinnati P-74 (ISO 220)
- David Brown S1.53.104
- SEB 181226
- Siemens Flender Gear oils revision 15

Typical Characteristics

Millgear EP	68	100	150	220	320	460	680
ISO viscosity grade	68	100	150	220	320	460	680
Density @ 15°, g/ml	0.873	0.883	0.888	0.891	0.900	0.907	0.896
Kinematic viscosity @ 40°C, cSt	68	100	150	220	320	460	680
Viscosity index	100	96	95	96	92	95	126
Pour point /°C	-15	-12	-9	-9	-9	-9	-9
Flashpoint °C	>210	>230	>250	>250	>250	>260	>250
Part code	5055	5061	5057	5012	5148	5340	5015

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