



PRODUCT DATA SHEET



PRODUCT NAME/VISCOSITIES:
MILLGEAR EP RANGE

Product No	
Issue No.	2
Issue Date	12/06/18

DESCRIPTION:

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.

APPLICATION:

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

USER BENEFITS:

- Extreme pressure protection for reduced wear and extended equipment life.
- Excellent thermal stability for increased oil life and relubrication 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
- AIST 224
- AGMA 9005-E02
- SEB 181226
- Flender rev. 12

TYPICAL CHARACTERISTICS:

Millgear EP	68	100	150	220	320	460	680
ISO viscosity grade	68	100	150	220	320	460	680
Specific gravity @ 15°	0.880	0.885	0.885	0.897	0.901	0.907	0.918
Kinematic viscosity @ 100°C / cSt	8.3	10.9	14.0	18.9	23.5	30.4	49.5
Kinematic viscosity @ 40°C /cSt	68	100	150	220	320	460	680
Viscosity index	88	93	89	96	92	95	126
Pour point /°C	-12	-9	-9	-9	-9	-9	-6
Flashpoint °C	200	200	200	200	200	200	200
Part code	5055	5061	5057	5012	5148	5340	5015





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HEALTH AND SAFETY:

Safety data sheets are available on request. When used for the purpose recommended and with due regard to the appropriate health and safety data, the product should cause no concern. If in doubt, consult with Millers Oils Technical Department.

For Technical assistance call +44 (0) 1484 475060 or email technical@millersoils.co.uk

