



PRODUCT DATA SHEET



Product No	
Issue No.	2
Issue Date	18/10/18

PRODUCT NAME/VISCOSITIES:
MILLGEAR SHC RANGE

DESCRIPTION:

Millgear SHC is a range of high performance, synthetic gear oils designed to lubricate and protect gear teeth, even under high loads and at extreme temperatures.

APPLICATION:

Use as received for industrial gear applications including spur, helical and bevel gears. Recommended in outdoor applications where a wide operating temperature is required, as well as heavily loaded applications where there is increased risk of micropitting.

USER BENEFITS:

- Extreme pressure protection for reduced wear and extended equipment life.
- Excellent thermal and oxidation stability for increased oil life and relubrication intervals.
- High viscosity index for consistent film thickness to protection against micropitting, even at high temperatures.
- Low pour point provides effective lubrication at low start-up temperatures.
- Minimised deposit formation for improved oil cleanliness.

PERFORMANCE PROFILE:

- DIN 51517 Part 3
- AGMA 9005-E02
- US Steel 224
- Flender AG

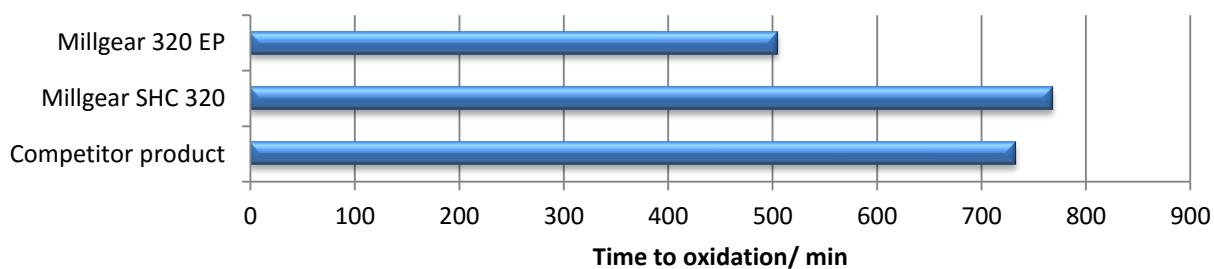




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Accelerated oxidation stability test



TYPICAL CHARACTERISTICS:

Millgear SHC	68	100	150	220	320	460
ISO viscosity grade	68	100	150	220	320	460
Specific gravity @ 15°C	0.857	0.853	0.860	0.856	0.859	0.860
Kinematic viscosity @ 100°C / cSt	11.0	15.2	21.4	29.3	41.2	54.3
Kinematic viscosity @ 40°C /cSt	68.0	100.0	150.0	220.0	320.0	460.0
Viscosity index	152	160	167	172	183	184
Four Ball (weld load)/ kg	250	250	250	250	250	250
Pour point/ °C	-54	-51	-48	-42	-39	-36
Flash point/ °C	222	230	233	236	240	244
Part code	6145	6274	5546	5543	5540	5530

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

