

Health & Safety For health and safety information please refer to the relevant health & safety data sheet on our website. The content of this data sheet is given in good faith but without warranty. www.online-lubricants.co.uk

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Product Description: Linelube Synthetic SH220 Gear Oil

Synthetic oil (PAO) for enclosed gears

Product code: Refer to tables below

Benefits:

- Very high protection (high and low temperatures) from micro-pitting scuffing wear (GFT class: high).
- Excellent extreme-pressure performance: protection against high loads.
- Very high natural viscosity index: (shear stable) and low friction coefficient.
- Very low pour point: operation at very low temperatures.
- Very good resistance to oxidation: operation at high temperatures, and lifetime increased by a factor of 2 to 4.
- Compatible with seals and metals containing copper.

Applications: Enclosed gears, bearings, gear couplings

Linelube Synthetic SH 220 Gear Oil has been developed for enclosed industrial gears to provide optimum gear protection against micropitting and bearing protection against scuffing under very severe conditions.

- Bevel and spur gears
- Heavily loaded bearings and gear couplings

Health & Safety:

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

CAUTION: not compatible with oils based on polyglycols

Typical Test Data:

TYPICAL CHARACTERISTICS	Methods	Units	Linelube Synthetic SH220 Gear Oil					
			150	220	320	460	680	1000
Density at 15 °C	ISO 3675	kg/m³	856.5	859.7	861.7	863.3	864.9	869.5
Viscosity at 40 °C	ISO 3104	mm²/s	147.9	220.1	313.8	454.7	676.0	997.8
Viscosity at 100 °C	ISO 3104	mm²/s	19.4	26.2	34.6	46.0	64.0	85.6
Viscosity index	ISO 2909		150	152	155	160	165	169
Open cup flash point	ISO 2592	°C	235	237	233	231	237	229
FZG Micropitting	FVA 54 IIV			10 +	10 +	10 +	10 +	10 +
FZG A/8.3/90	DIN 51 354/2		> 13	> 13	> 13	> 13	> 13	> 13
Pour point	ISO 3016	°C	- 36	- 36	- 30	- 24	- 21	- 18