

## Ultra Gear Syn Series

*High Performance Synthetic Gear and Bearing Lubricants*



### YOUR BENEFITS

- Formulated from Synthetic Hydro Carbon (PAO) base stock.
- Good anti-wear and EP properties.
- Thermal and oxidation resistant at high temperatures.
- High viscosity index ensures adequate film thickness at elevated temperatures.
- Reduce friction in various mechanical operations, good potential in reducing power consumption.
- Chosen additives provide excellent rust and corrosion protection.
- Good water demulsibility, air trapment release and foam control.
- Minimize sludge and deposits extending filter life and ensuring trouble free operation.

### APPLICATION

- A long life lubricant for gear boxes.
- Used in automated paint shops and textile stenters.
- Mixer bearings and roll neck bearings operating at high temperatures.
- Machines such as marine and other centrifuges, oil flooded rotary screw compressors used in onshore and offshore oil and natural gas industry.
- As a long life lubricant for high ratio worm gear boxes.

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High Performance Synthetic Gear and Bearing Lubricants



CHARACTERISTICS	TEST METHOD	UNIT	32	100	150	220	320	460
Appearance	Visual	-	Clear	Clear	Clear	Clear	Clear	Clear
Colour	Visual	-	Red	Red	Red	Red	Red	Red
ISO VG Grade	-	-	ISO 32	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460
Density @29.5°C	ASTM D 1298	g/cc	0.840	0.850	0.852	0.854	0.855	0.855
Viscosity @40°C	ASTM D 445	cSt	32	100	150	220	320	460
Viscosity @100°C	ASTM D 445	cSt	6.5	16.4	22.3	30	39.8	52
Viscosity Index	ASTM D 2270	-	170	177	177	177	177	177
Four Ball Weld load	ASTM D 2783	mm	200	200	200	200	200	200
Four Ball Wear Scar	ASTM D 4172	mm	0.5	0.5	0.5	0.5	0.5	0.5
Demulsibility @82 °C	ASTM D 1401	ml	41-39-00	41-39-00	41-39-00	41-39-00	41-39-00	41-39-00
Foam Test Sequence I, @25°C Sequence II, @93°C Sequence III, @25°C	ASTM D 892	ml	00/00 00/00 00/00	00/00 00/00 00/00	00/00 00/00 00/00	00/00 00/00 00/00	00/00 00/00 00/00	00/00 00/00 00/00
Steel Corrosion	ASTM D 665(A&B)	Hrs	Pass	Pass	Pass	Pass	Pass	Pass
Copper Strip Corrosion	ASTM D 130	Rating	1a	1a	1a	1a	1a	1a
FZG A/8.3/9.0	ASTM D 5182	-	-	>12	>12	>12	>12	>12
FE-8 Wear of roller (mg) Wear of cage (mg)	DIN- 51819-3	mg	-	-	-	-	≤ 30 ≤ 200	-
RPVOT	ASTM D 2272	Mins	>900	>900	>900	>900	>900	>900
Pour Point [ min ]	ASTM D 97	°C	-40	-40	-40	-40	-40	-40
Flash Point [ min ]	ASTM D 92	°C	220	220	220	225	225	225

### INDUSTRY:

Animal Feed,  
Cement,  
Pulp & Paper,  
Wind Power,  
Mining,  
Automotive  
Manufacturing

### PACK SIZE:

30 Ltrs. / 210 Ltrs.

### SHELF LIFE:

24 Months

Values quoted above are typical and do not constitute a specification.

Note: Ultra Gear Syn Series are fully compatible with mineral oil. For best performance it is recommended that systems be thoroughly flushed before changing over to these oils.

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

