

Syn-Gear SGO 600

Fully Synthetic Gear and Bearing Oil



ANTI-WEAR | PREVENTS CORROSION | MAINTAINS VI



Syn-Gear SGO 600 Series is recommended for “fill-for-life” gear boxes, high ratio/ low efficiency worm gears and remotely located gearboxes, where oil changes are difficult. Syn-Gear SGO 600 Series is recommended for applications where extremes of temperature, both high and low, are encountered. Syn-Gear SGO 600 Series is environmentally safe.



PERFORMANCE PROPERTIES

- Lowest possible fluid friction in the “load zone” of gears and rolling contact bearings
- Low friction coefficient results in maximum energy efficiency and lower operating temperatures
- Superior resistance to oxidation and sludging, especially at high temperatures
- Excellent anti-wear, foam control, water resistance, and multi-metal compatibility
- Excellent seal compatibility and longest possible oil change intervals
- Completely compatible with all mineral oils and most other synthetics
- Completely separates from water allowing easy drainage from the bottom of the oil reservoir

Syn-Gear 600 is offered in 275 gallon tote tanks, 55 gallon drums, and 5 gallon pails.
Syn-Gear 600 is available in ISO Grades 32, 46, 68, 100, 150, 220, 320 and 460.



RELIANT TECHNOLOGIES

local | quality | service

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Reliant Technologies
 Across the South and Around the World...

Syn-Gear SGO 600 Series

Syn-Gear SGO 600 is designed to provide maximum equipment protection, oil life, and trouble-free operation. Syn-Gear SGO 600 is resistant to mechanical shear, even in heavily loaded gear and high shear bearing applications.

Product	Syn-Gear 624	Syn-Gear 625	Syn-Gear 626	Syn-Gear 627	Syn-Gear 629
ISO Grade	32	46	68	100	150
Viscosity (Cst) @40 °C	32	46	68	100	150
Viscosity (Cst) @100 °C	6.2	8.1	10.8	14.1	18.4
Pour Point °C	<40	<40	<40	<40	<40
Flash Point °C	<250	<250	<250	<250	<250
Specific Gravity	~.85	~.85	~.86	~.86	~.86
TOST, hours to 2NN	10,000+	10,000+	10,000+	10,000+	10,000+
RBOT, Minutes	2,000+	2,000+	2,000+	2,000+	2,000+
Rust Protection	Pass	Pass	Pass	Pass	Pass
Water Separation	Complete	Complete	Complete	Complete	Complete
Copper Corrosion	Pass	Pass	Pass	Pass	Pass
Foam Test ml Initial/ml 10	0/0	0/0	0/0	0/0	0/0
FZG Stage Passed	10	11	11	12	12

Product	Syn-Gear 630	Syn-Gear 632	Syn-Gear 634	Syn-Gear 636	Syn-Gear 639
ISO Grade	220	320	460	680	1000
Viscosity (Cst) @40 °C	220	320	460	680	1000
Viscosity (Cst) @100 °C	25.1	38.6	48.4	69.0	98.8
Pour Point °C	<40	<40	<40	<40	<40
Flash Point °C	<250	<250	<250	<250	<250
Specific Gravity	~.86	~.87	~.87	~.87	~.87
TOST, hours to 2NN	10,000+	10,000+	10,000+	10,000+	10,000+
RBOT, Minutes	2,000+	2,000+	2,000+	2,000+	2,000+
Rust Protection	Pass	Pass	Pass	Pass	Pass
Water Separation	Complete	Complete	Complete	Complete	Complete
Copper Corrosion	Pass	Pass	Pass	Pass	Pass
Foam Test ml Initial/ml 10	0/0	0/0	0/0	0/0	0/0
FZG Stage Passed	13	13	13	13+	13+

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