



IGO Series

600, 1000, 1500, 2000, 3000, 4000

IGO Series consist a range of extreme pressure and high-performance Industrial Gear Oil. Being product of latest quality, this series excellently work over a wide range of temperatures and severe working conditions. It is specially formulated with “clean gear” additive technology to minimize deposit formation and provide excellent gearbox cleanliness. However, additives of this package contain superior thermal and oxidation properties that provide a greater temperature protection over a time. In addition, extreme pressure additives provide optimum protection against shock loading and offer highest loading capabilities. This series are widely recommended to all of industrial settings.

APPLICATION

This oil is designed for use in industrial gear boxes that include crushers, hoists, conveyors, winches, machine tools and lathes. It can also be used in chain drives, sprockets, plain and antifriction bearings and sliding guides.

BENEFITS

- Excellent extreme pressure properties.
- Superior rust and corrosion protection.
- High film strength.
- Enhanced oxidative and thermal stability.
- Low foam tendency.



Data Sheet



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TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS					
		ISO 600	ISO 1000	ISO 1500	ISO 2000	ISO 3000	ISO 4000
ISO VISCOSITY GRADE	-	68	100	150	220	320	460
Appearance	ASTM D 4176	B & C	B & C	B & C	B & C	B & C	B & C
Color	ASTM D 1500	L 1.0	L 1.5	L 2.0	L 2.0	L 2.5	L 2.5
Density at 30°C gm/ml	ASTM D 4052	0.8725	0.8891	0.879	0.885	0.890	0.904
Kinematic Viscosity @ 40°C	ASTM D 445	69.92	107.04	151.45	222.45	325.99	463.45
Kinematic Viscosity @ 100°C	ASTM D 445	8.91	11.59	14.71	19.87	23.18	29.54
Viscosity Index	ASTM D 2270	100	98	96	97	97	92
TAN	ASTM D 664	0.350	0.350	0.350	0.350	0.350	0.350
Flash Point °C	ASTM D 92	245	245	248	252	254	268
Pour Point °C	ASTM D 97	-18	-15	-15	-15	-15	-12

PERFORMANCE STANDARDS

- High load-carrying capacity for protection against scuffing and wear.
- Reduces galling, Scuffing and welding of gear teeth.
- Excellent oxidation resistance and thermal stability.
- Excellent deposit control for gearbox cleanliness.
- Protects against rust and corrosion.
- Fast water separation.
- Quick foam release.



Data Sheet



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