



## Raysun Calypso PGW

### Synthetic Industrial Gear Oil

Raysun Calypso PGW series are synthetic industrial gear oils offering outstanding lubrication performance and load carrying capacity under severe operating conditions including shock loading. These are formulated from synthetic base stock and additives with exceptional micro pitting protection, oxidation resistance, thermal properties and excellent low temperature fluidity.

#### Advantages

- Outstanding load carrying capability, micro-pitting performance protects gears against scuffing and wear leading to enhanced equipment life and reduced maintenance costs
- High viscosity index base stocks provide excellent low temperature fluidity and effective lubrication over a wide temperature range
- Superior thermo-oxidative stability provides enhanced system cleanliness and enables longer service intervals
- Excellent resistance to rust and corrosion protection
- Good seal and paint compatibility with a wide variety of seals and paints

#### Applications

- High speed/shock loaded industrial gears
- Highly loaded industrial gears
- Worm gear lubrication
- Bearing and circulation systems where high temperatures are encountered



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ISO Viscosity Grades						Test Method	Specification
1000	680	460	320	220	150		
1.06	1.06	1.06	1.02	1.02	1.02	ASTM D 1298	Density @ 15°C, kg/l
1000	680	460	320	220	150	ASTM D 445	Viscosity @ 40 °C, cSt.
290	280	266	205	200	200	ASTM D 2270	Viscosity Index
248	248	244	244	244	242	ASTM D 92	Flash Point, °C
-18	-21	-24	-33	-33	-36	ASTM D 97	Pour Point, °C
Pass	Pass	Pass	Pass	Pass	Pass	ASTM D665A	Rust Protection
1	1	1	1	1	1	ASTM D130	Copper Corrosion
0.4	0.4	0.4	0.4	0.4	0.4	ASTM D4172	Four Ball Wear
>12	>12	>12	>12	>12	>12	DIN 51354 II	FZG, Fail Load Stage

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."