



Raysun Calypso PG

Synthetic Heavy-Duty Industrial Gear Oil

Raysun Calypso PG series are synthetic heavy-duty industrial gear oils offering outstanding lubrication performance and load carrying capacity under severe operating conditions including shock loading. These are formulated from Polyalkylene glycol (PAG) synthetic base oils having exceptional micro pitting protection, oxidation resistance and thermal properties and excellent low temperature fluidity. The combination of naturally extremely high viscosity index base oils coupled with carefully selected additive technology provides excellent thermal stability, protection against scuffing and resistance against micro pitting fatigue under wide operating .temperature range

Advantages

- Outstanding load carrying capability and micro-pitting performance protects gears against scuffing and wear leading to enhanced equipment life and reduced maintenance costs
- High viscosity index base oils 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

- Heavy-duty industrial enclosed gear boxes operating under severe conditions like high load, extreme temperatures and wide temperature ranges
- (Filled for life systems, chain and conveyors, kiln and ovens, compressor (reciprocating/ rotary
- Bearing and circulation systems where high temperatures are encountered

Note: These products are not miscible with mineral oils & other synthetic base oils

Specificatons

- DIN 51517 Part 3
- AGMA 9005 E-02
- David Brown S1.53 101



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ISO Viscosity Grades							Test Method	Specification
1000	680	460	320	220	150	68		
0.99	0.99	0.99	0.99	0.99	0.99	0.99	ASTM D 1298	Density @ 15°C, kg/l
1000	680	460	320	220	150	68	ASTM D 445	Viscosity @ 40 °C, cSt.
262	254	236	230	220	210	208	ASTM D 2270	Viscosity Index
248	246	246	244	242	240	220	ASTM D 92	Flash Point, °C
-30	-33	-36	-39	-42	-48	-51	ASTM D 97	Pour Point, °C
Pass	Pass	Pass	Pass	Pass	Pass	Pass	D 665A/B	Rust Test
1	1	1	1	1	1	1	ASTM D 130	Copper Corrosion
>12	>12	>12	>12	>12	>12	-	DIN 51354 Part II	FZG, fail load stage

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