

Raysun Calypso FLD

High Performance Industrial Gear Oil

Raysun Calypso FLD series are high performance extreme pressure oils designed for lubrication of heavy-duty industrial gears. These are formulated with high quality mineral base oils along with specially selected additive technology to provide excellent load carrying capacity even under extreme conditions including shock loading. These heavy-duty Industrial gear oils provide excellent protection against scuffing and resistance against micro-pitting in the gear boxes under wide operating temperature range and meets latest Flender specifications

Advantages

- Excellent load carrying and anti-friction characteristics reduce gear tooth and bearing wear
- Good oxidation and thermal stability help withstand high thermal loading and keeping system clean by resisting sludge built up
- Excellent micro-pitting performance to reduce the risk of premature failure due to surface distress
- Special additive technology helps in clean gear performance under condition of high temperature and oxidation
- Protects system from rust and corrosion even in presence of water contamination
- Compatible with generally used inside gear box paints and standard sealing material

Applications

- Recommended for use in gear boxes that requires lubricants meeting Flender specification
- Heavy duty Industrial gear transmissions requiring EP performance
- Circulating and splash lubricated systems
- Steel gear transmissions

Note:

- While changing the gear oil, drain off the previous oil completely and inspect internally. Flush the gear box with fresh Raysun Calypso FLD. Drain the flushed oil and then fill with fresh Raysun Calypso FLD.
- Not recommended for use in automotive hypoid gears.

Specifications

- Flender AG
- DIN 51517 Part III
- (AGMA 9005-E02 (EP
- U.S. Steel 224



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ISO Viscosity Grades							ASTM Method	Specification
680	460	320	220	150	100	68		
0.898	0.892	0.889	0.885	0.882	0.878	0.885	D 1298	Density @ 15°C, kg/l
680	460	320	220	150	100	68	D 445	Viscosity @ 40 °C, cSt.
103	102	103	102	101	102	102	D 2270	Viscosity Index
256	254	252	250	246	240	228	D 92	Flash Point, °C
-15	-18	-18	-21	-24	-24	-27	D 97	Pour Point, °C
1	1	1	1	1	1	1	D 130	Copper corrosion
>12	>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."