



## RAYSUN LIBERO X3

### Passenger Car Motor Oil

Raysun LIBERO X3 series are passenger car motor oils designed for older gasoline powered passenger cars and naturally aspirated diesel engines of light duty vehicles. These are blended using good quality base oils and performance additives to ensure better engine protection. Raysun Tethys are developed to exceed the performance requirements of API (American Petroleum Institute) SF/CD and are available in SAE 40 and SAE 20W-50.

#### Advantages

- Good thermo-oxidative stability minimizes deposits & sludge build-up
- Effective rust inhibitors retard formation of rust in critical engine parts
- Better antiwear technology minimizes engine wear & reduces maintenance costs
- Good Stay-in-grade performance ensures reliable lubrication even at higher load & operating temperatures

#### Applications

- Recommended for use in passenger cars, light trucks and vans with naturally aspirated gasoline engines or light-duty diesel engines, where API SF/CD quality oil is required
- They are suitable for year-round use under wide temperature conditions and ensure trouble free operation

#### Specifications

- API SF/GD



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SAE Viscosity Grades			ASTM Method	Specification
20W-50	40	30		
0.898	0.890	0.880	D 1298	Density @ 15°C, kg/l
18.60	14.40	11	D 445	Viscosity @ 100 °C, cSt.
125	97	98	D 2270	Viscosity Index
238	238	220	D 92	Flash Point, °C
-21	-12	-18	D 97	Pour Point, °C
5.00	5.00	5.00	D 2896	TBN, mg KOH/g

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