



Raysun Vesta EP

Heavy Duty Automotive Gearbox Oil

Raysun Vesta EP series are high performance gear lubricant designed to provide effective lubrication in a wide range of automotive transmissions and axle drives where API GL-4 quality oils are specified. They are formulated from high quality base stocks and balanced extreme pressure additives to provide protection to gear components against wear and scoring. They offer protection against oxidation degradation and rust & corrosion. It meets API GL-4 and US MIL-L-2105 specifications for automotive gear oils.

Advantages

- Good Extreme Pressure and Antiwear properties protect against wear and scoring
- High oxidation stability minimizes sludge and deposit formation facilitating longer gear and bearing life
- Effective rust and corrosion protection reduce wear and extends component life
- Better low temperature fluidity (SAE 80W-90 and 85W-140) reduces wear and provides easy start-up at low ambient temperatures
- Good anti-foam properties ensure film strength for effective lubrication
- Excellent seal compatibility helps minimize leakages and reduce chances of contamination

Applications

- Manual transmissions and transaxles requiring oils meeting API GL-4
- On-road passenger cars, light and heavy duty trucks, buses and vans
- Off-highway equipment in construction, mining and agriculture
- Other applications involving spiral bevel gears operating under moderate to severe speeds and loads and axles with hypoid gears operating under mild to moderate speeds and loads
- Not recommended for automatic transmissions

Specifications

- API GL-4 and US MIL-L-2105



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SAE Viscosity Grades									ASTM Method	Specification
85W-140	85W-90	80W-90	75W-90	75W-80	70W	140	90	80		
0.897	0.886	0.886	0.859	0.849	0.830	0.902	0.895	0.888	D 1298	Density @ 15°C, kg/l
28	18	16	15.1	9.5	4.7	28	16	9	D 445	Viscosity @ 100 °C, cSt.
106	100	111	160	145	130	95	97	99	D 2270	Viscosity Index
230	238	220	190	190	206	230	220	200	D 92	Flash Point, °C
-18	-18	-30	-45	-45	-57	-12	-15	-24	D 97	Pour Point, °C
									D 2983	Brookfield Viscosity,cP
					150000>					C° 35-@
			150000>	150000>						C° 40-@
		150000>								C° 26-@
150000>	150000>									C° 12-@

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