



## Raysun Vesta MP

### Heavy Duty Axle Oil

Raysun Vesta MP is a high performance gear lubricant designed to provide excellent lubrication in a wide range of automotive transmissions, axles and final drives. It is formulated from high quality base stocks and balanced extreme pressure additives to protect gear components in applications where extreme pressures and shock loading are encountered. It offers effective protection against oxidation degradation and rust & corrosion. It meets the requirements of API GL-5 and US MIL-L-2105D.

#### Advantages

- Excellent Extreme Pressure properties shields against wear under different operating conditions leading to enhanced equipment durability and lower maintenance costs
- High oxidation stability minimizes sludge and deposit formation facilitating longer component life
- Effective rust and corrosion protection reduce wear and extend component life
- Good low temperature fluidity (SAE 80W-90 and 85W-140) reduces wear and enables easy start-up under 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

- Heavy duty non-synchronized manual transmissions, axles and final drives where API GL-5 quality oils are specified
- On-road passenger cars, light and heavy duty trucks, buses and vans
- Off-highway equipment in construction, mining and agriculture
- Other heavy-duty applications involving hypoid and other gears operating under severe conditions like high speed/shock load, high speed/low torque and/or low speed/high torque
- Not suitable for automatic transmission systems

#### Specifications

- API GL-5 and US MIL-L-2105D



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SAE Viscosity Grades								ASTM Method	Specification
85W-140	85W-90	80W-90	75W-90	75W-80	140	90	80		
0.897	0.886	0.886	0.859	0.849	0.902	0.895	0.888	D 1298	Density @ 15°C, kg/l
28	16.5	16	15.1	9.5	28	16	9	D 445	Viscosity @ 100 °C, cSt.
106	102	111	160	145	95	97	99	D 2270	Viscosity Index
230	240	220	190	190	230	220	200	D 92	Flash Point, °C
-18	-21	-30	-45	-45	-12	-15	-24	D 97	Pour Point, °C
								D 2983	Brookfield Viscosity,cP
			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."