

## Raysun Synvesta EP

### Synthetic Premium Performance Automotive Gearbox Oil

Raysun Synvesta EP are fully synthetic, premium performance gear lubricants designed to exceed the requirements of new generation compact manual transmissions. They are blended from high quality synthetic base fluids and superior performance additives to provide exceptional protection to gear components for extended durability. They offer outstanding viscosity-temperature properties which provide excellent low temperature fluidity facilitating easy gear shift at cold weather conditions and at the same time maintains a thick protective film during high temperature operating conditions. These are compatible with copper and its alloys found in synchronizers. They offer reliable protection against oxidation degradation and rust & corrosion, .extended service life and improved fuel economy

#### Advantages

- Excellent load-carrying capability protects against shock loading and wear under different speed-load conditions to enhance equipment durability and reduce maintenance costs
- Superior oxidation stability resists deposit and sludge formation to provide extended component & seal life and exceptionally long service life
- Effective rust and corrosion protection, especially to copper and its alloys reduces wear, extends synchronizer life and improves shifting performance
- Excellent low temperature fluidity reduces wear at start-up and provides smoother shifting at low ambient temperatures
- Exceptional shear stability helps retain viscosity and film strength to protect against wear even at extremely hot and rigorous operating conditions
- Good anti-foam properties ensure film strength for effective lubrication
- Superior seal compatibility helps reduce leakages and chances of contamination

#### Applications

- Manual transmissions and transaxles requiring oils meeting API GL-4
- Hypoid gears in axles operating under moderate speeds and loads where API GL-5 oils are not recommended
- Passenger Cars, SUVs, light and heavy duty trucks, buses and vans
- For easy gear shift under extremely cold weather conditions in applications requiring API GL-4 oils
- Off-highway equipment in construction, mining and agriculture
- Not recommended for automatic transmissions

#### Specifications

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



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SAE Viscosity Grades			ASTM Method	Specification
75W-90	75W-80	70W		
0.842	0.843	0.825	D 1298	Density @ 15°C, kg/l
16	8.1	4.7	D 445	Viscosity @ 100 °C, cSt.
150	147	135	D 2270	Viscosity Index
234	232	218	D 92	Flash Point, °C
-51	-60	-57	D 97	Pour Point, °C

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