



Raysun Alya

Passenger Car Motor Oil

Raysun Alya series are premium quality passenger car motor oils designed for modern, high-output, turbocharged gasoline powered passenger cars and diesel powered light duty vehicles. These are blended using selected high quality base oils and chosen performance additives to provide excellent engine cleanliness and protection against wear and rust & corrosion.

Advantages

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

Applications

- Recommended for modern high performance turbocharged gasoline powered passenger cars and diesel powered light duty vehicles requiring API SJ & API CF-4 quality oils
- They may also be used in older vehicles where an API service category SH, SG, SF or commercial category .CC quality oil is recommended

Performance level

- API SJ/CF4

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| SAE Viscosity Grades | | | | ASTM Method | Specification |
|----------------------|--------|--------|--------|-------------|--------------------------|
| 20W-50 | 20W-40 | 15W-40 | 10W-40 | | |
| 0.885 | 0.880 | 0.876 | 0.871 | D 1298 | Density @ 15°C, kg/l |
| 18.6 | 14.30 | 14.10 | 14.3 | D 445 | Viscosity @ 100 °C, cSt. |
| 125 | 125 | 136 | 145 | D 2270 | Viscosity Index |
| 238 | 236 | 232 | 228 | D 92 | Flash Point, °C |
| -27 | -30 | -33 | -36 | D 97 | Pour Point, °C |
| 6.00 | 6.00 | 6.00 | 6.00 | D 2896 | TBN, mg KOH/g |
| 0.68 | 0.68 | 0.68 | 0.68 | D 874 | Sulphated Ash, %wt |

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