



## Raysun Atria

### Commercial Vehicle Engine Oil

Raysun Atria series are high performance diesel engine oils for use in turbocharged and naturally aspirated diesel engines operating under severe conditions. It is formulated from high quality base stocks and proven performance additives to provide excellent performance and engine protection under all types of operating conditions. The product meets the performance requirements of a wide range of diesel engines used in variety of applications

#### Advantages

- Improved thermo-oxidative stability controls sludge build-up and deposits ■
- Better detergency reduces deposits and keeps engines cleaner ■
- Good dispersancy helps in controlling soot related oil thickening and wear ■
- Effective anti wear properties protect critical engine parts ■
- Stay in grade shear stability leads to reduced oil consumption and wear ■

#### Applications

- Turbocharged and naturally aspirated diesel engines of all major global engine manufacturers ■
- On-highway light and heavy duty trucking including high speed-high load service and short haul pick-up/delivery van ■
- Heavy duty diesel engines used in mining, construction, agriculture and other off-highway applications ■

#### Specifications

- API CG-4/SJ ■
- ACEA E3-96 ■
- Mercedes Benz MB 228.1 ■
- MTU Type 2 ■



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| Values |        | ASTM Method | Specification            |
|--------|--------|-------------|--------------------------|
| 20W-50 | 15W-40 |             |                          |
| 0.872  | 0.868  | D 1298      | Density @ 15°C, kg/l     |
| 18.50  | 14.50  | D 445       | Viscosity @ 100 °C, cSt. |
| 125    | 135    | D 2270      | Viscosity Index          |
| 240    | 224    | D 92        | Flash Point, °C          |
| -24    | -27    | D 97        | Pour Point, °C           |
| 7.6    | 7.6    | D 2896      | TBN, mg KOH/g            |
| 1.05   | 1.05   | D 874       | Sulphated Ash, %wt       |

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