



Raysun Spica

Commercial Vehicle Engine Oil

Raysun Spica series are extra high-performance heavy-duty diesel engine oils specifically developed for use in modern, low emission diesel engines, including those fitted with Exhaust Gas Re-circulation (EGR) systems.

These products meet the latest requirements of all major European, American and Japanese engine manufacturers and offer exceptional protection and extended life to diesel engines operating on low or high Sulphur diesel. They are blended from selected base stocks and new generation performance additives and is .available in six different viscosity, SAE 40, 50, 5W-30, 10W-40, SAE 15W-40, SAE 20W-50 & SAE 20W-60

Advantages

- Outstanding thermo-oxidative stability reduces deposits and oil thickening
- Excellent soot handling capability protects against soot induced viscosity increase and wear
- High shear stability ensures viscosity control at elevated temperatures and reduces oil consumption and wear
- Superior protection against corrosive wear helps in sustaining engine durability
- Excellent TBN retention helps in countering harmful effects of corrosive exhaust gases and extending oil life

Applications

- Turbocharged and naturally aspirated diesel engines used in on-highway applications including those fitted with EGR systems and meeting US 2004 emission norms introduced in 2002
- Heavy duty diesel engines used in mining, construction, agriculture & other off-highway applications

Specification

- API CI-4/CH4/ SL
- ACEA E7-08, ACEA A3/B4-08
- MTU Type 2, MAN 3275, Volvo VDS-3, Cummins 20072/7
- Detroit Diesel 93K215, Mack EO-M Plus



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SAE Viscosity Grades							ASTM Method	Specification
20W-60	20W-50	15W-40	10W-40	5W-30	50	40		
0.899	0.882	0.873	0.862	0.849	0.899	0.891	D 1298	Density @ 15°C, kg/l
25	19.5	14	14	11.5	19.5	14	D 445	Viscosity @ 100 °C, cSt.
130	132	140	150	150	104	105	D 2270	Viscosity Index
240	240	232	230	226	260	250	D 92	Flash Point, °C
-27	-27	-36	-39	-39	-24	-27	D 97	Pour Point, °C
11	11	11	11	11	8.7	8.7	D 2896	TBN, mg KOH/g
1.1	1.1	1.1	1.1	1.1	0.9	0.9	D 874	Sulphated Ash, %wt

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