

Product Data

ZIE 500
15W40
Premium Engine Oil

Description:

- Zie 500 is an extra high performance diesel engine oil that provides excellent lubrication of today's diesel engines promoting extended engine life. This high performance has been proven in the field in a wide variety of industries, applications, and mixed fleets.
- Made from high performance base oils and a superior balanced additive package to provide best engine performance in modern diesel and gasoline engines as well as older models.

Features and Benefits:

- High TBN reserves deposit control and acid neutralization
- Very good wear protection , controls viscosity by having good shear stability
- High thermal and oxidation stability reduced sludge formation and deposits. It also helps to increase viscosity of oil
- Cleans Engine well due to advanced Detergency and dispersancy additives
- Excellent low temperature properties and having good compatibility with seal

Specifications:

Meeting the requirements of API CH4 / SL

- ACEA E7 -12
- MAN- M – 3275- 1
- CUMMINS 20078/77
- VOLVO VDS 3
- MACK EO –M PLUS
- CAT ECF 1A / ECF 2
- MB 228.3

Typical characteristics:

Characteristics	Test Method	Zie 500
		15w40 CH4/SL
SAE Grade	SAE J300	15W40
Kinematic viscosity, cSt at 40 °C	ASTM D 445	109
Kinematic viscosity, cSt at 100 °C	ASTM D 445	14.5
Viscosity index, min.	ASTM D 2270	140
Sulfated Ash, wt%,	ASTM D 874	1.35
Total Base # , mg KOH/g,	ASTM D 2896	11
Density @ 15°C kg/l,	ASTM D 4052	0.88
Flash point (COC), °C, min.	ASTM D 92	226
Pour point, °C, max.	ASTM D 97	-39
Copper strip corrosion, at 100 °C, 3 hrs.	ASTM D 130	1a

The above figures are typical figures with normal production tolerance.

Health & Safety

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.