



Omote

Superior Turbo Diesel Engine Oil

SAE 15W40 API: CI-4/SL

Ornate is a premium quality diesel engine oil formulated to meet the latest API: CI-4 standard. It is made from hydrocracked base oil with specially selected additives package. It is specially formulated to protect the engine under all operating conditions.

Ornate offers the maximum engine protection in the most severe servicing conditions (Transport, public work). It provides effective resistance against oxidation, corrosion and wear. In addition it maintains engine cleanliness.

APPLICATION

Ornate is recommended for use in heavily loaded diesel engines in commercial use and heavy duty diesel engine used in construction, mining and quarrying. It is equally applicable both for old and new engine.

BENEFITS

- Excellent engine cleanliness through soot handling technology.
- Exceeds the requirements of API "Energy conserving".
- Superior chemical and thermal stability.
- Trouble free operation between long drain service intervals.
- Exceptional low engine wear.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
SAE VISCOSITY GRADE	-	15W40
Appearance	ASTM D 4176	B & C
Color	ASTM D 1500	L 3.0
Density at 30°C gm/ml	ASTM D 4052	0.818
Kinematic Viscosity @ 40°C	ASTM D 445	115.1
Kinematic Viscosity @ 100°C	ASTM D 445	15.3
Viscosity Index	ASTM D 2270	140
TBN	ASTM D 2896	11.4
Flash Point °C	ASTM D 92	235
Pour Point °C	ASTM D 97	-20









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PERFORMANCE STANDARDS

- API CI-4/SL
- MB 229.1
- MB 228.1 /228.3
- ZF TE-ML07C
- ZF TE-ML04C
- Allison C-4
- VOLVO VDS-3
- Detroit Diesel DDC 93K214
- ACEA 2004 E7-04
- ACEA 1996 E2-05
- ACEA 1998 B3-02
- ACEA 1996 A2-03
- MTU Oil Category 1
- Caterpillar ECF 1
- MAN 271
- Cummins CES 20078
- Mack EO-M Plus
- Mack EO-N Premium plus 03









