



SOIL Ornate Max-1000

SAE 20W50 API CI-4 / SL

ORNATE Max-1000 is super quality diesel engine oil blended with special quality hydrocrack base fluid and premium additives. As it contains the anti-oxidant property at a great extend with premium additives and technology, it can reduce the carbon created at today's highly operating temperature. It reduces the oil consumption and extends the drain-interval much longer than that of conventional mineral base engine oil. It gives outstanding performance in all type of Japanese, European, American and Indian latest as well as old-model vehicles for all weathers. **ORNATE Max-1000** exceeds **API CI-4 / SL** standard and meets most of the European Diesel Engine OEM requirements.

APPLICATION

ORNATE Max-1000 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

- Minimizes oil consumption.
- Very long drain intervals.
- Anti-wear & anti-oxidant.
- Highest engine protection.
- All year-round usability.
- Advanced premium quality oil with Synthetic Technology
- Optimizes friction in the clutch and reduces internal engine losses due to friction.



TEST RESULT

CHARACTERISTIC	METHOD	TEST RESULT
ASTM Color	ASTM D 1500	L 3.5
Density at 30°C gm/ml	ASTM D 4052	0.8729
Kinematic Viscosity at 40°C	ASTM D 445	146.71
Kinematic Viscosity at 100°C	ASTM D 445	18.64
Viscosity Index	ASTM D 2270	143
Pour Point	ASTM D 97	-20
Flash Point	ASTM D 92	223
TBN	ASTM D 5984	13.5



Data Sheet

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SAE 20W50 API CI-4 / SL

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

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