



SUPER SONIC XTRA PLUS ENGINE OIL SAE 15W-40 API CI-4

Multigrade Heavy Duty Diesel Engine Oils

PRODUCT DATA

PROPERTIES

SUPER SONIC XTRA PLUS ENGINE OIL SAE 15W-40 API CI-4 is conventional multi-grade Heavy Duty Diesel Engine Oils formulated to provide excellent performance in heavy duty fleets, marine and industrial applications. The advanced product technology offers a medium extended drain formulation that helps maximize engine durability.

APPLICATIONS

SUPER SONIC XTRA PLUS ENGINE OIL SAE 15W-40 API CI-4 is recommended for use in all naturally aspirated and turbo-charged diesel engines fitted in trucks, tractors, buses, goods carriers (LCVs), 3-wheelers and gensets, on-highway light and heavy-duty trucking, off-highway industries including: construction, mining, quarrying, and agriculture & mixed fleet applications.

PROPERTIES

SUPER SONIC XTRA PLUS ENGINE OIL SAE 15W-40 API CI-4 provides exclusive combinations of the latest high performance additives ensuring that the oil adapts and protects under the full range of pressures & temperatures found in modern engines - from the high temperature in the pistons, to the extreme loads found in the valve-trains. Extra active additives control & sweep away harmful soot & particles found in high performance engines.

PERFORMANCE FEATURES AND BENEFITS

- High thermal and oxidation stability
- Start-up wear protection
- Advanced detergency/dispersancy
- Improved soot handling
- TBN reserves
- Improved viscosity control and used oil pumpability
- Excellent low temperature properties
- Exceptional high temperature protection for hot running engines under heavy load
- Component compatibility
- Longer gasket and seal life
- Stay-in-grade shear stability
- Deposit control and acid neutralization
- Cleaner engines and longer component life

RECOMMENDATIONS / SPECIFICATIONS

International Standards : API CJ-4/CI-4, CH-4, CG-4, /CF-4,CF ACEA -A3/B4-10, E7-10, E2,E3,E4,E5,E6, E9, Global-DHD-1, JASO-DH-1
Meets or exceeds : MTU Type 2, CUMMINS CES 20078,77,76,75,72,71, CAT ECF-2, ECF-1-a, ZF TE-ML 07C, MIL-PRF-2104H/NATO O-1236, MB 229.1, Allison C4, MB-228.3 , DEUTZ -DQC-III-10, Renault VI RLD-2, Volvo VDS-3, Mack EO-N, Mack OE-M+, MAN-M-3275-1 (MULTI GRADE)-TUC 0028/15, Detroit Diesel 93K215

Meets quality requirements of most diesel engine manufacturers in the USA, Europe, Japan and Korea

Viscosity Grade, SAE J300	15W-40
Density at 15°C, g/ml, ASTM D4052	0.875
Cold Cranking Viscosity(CCS), mPa s, ASTM D5293	6600@-20°C
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	104.65
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	14.36
Viscosity Index, ASTM D2270	140
Flash Point(COC), °C, ASTM D92	220
Pour Point, °C, ASTM D97	-30
Total Base Number, mg KOH/g, ASTM D2896	10.5
Sulphated Ash, %wt, ASTM D874, max	1.68



Packing : 700|800ml,1|2|3|4|5|6.5|7|8|16|18|20|25|200|205|208|210L, 1|5|20|55 USQ

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* supersedes all previous versions

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.