



SUPER LIFE® D9000 TURBO **HEAVY DUTY TURBO DIESEL ENGINE OILS**

SUPER LIFE® D9000 Turbo – Heavy Duty Turbo Diesel Engine Oils are specially designed to increase power and efficiency of turbocharged diesel engines operating with high RPM under severe conditions: high temperature, high pressure to protect and maximize performance for modern, high-output, high speed, turbocharged or naturally aspirated heavy duty diesel engines, including diesel engine utilizing Exhaust Gas Recirculation (EGR). They provide excellent quality in on- and off- highway service applications and help maximize engine durability.

APPLICATIONS:

SUPER LIFE® D9000 Turbo – Heavy Duty Turbo Diesel Engine Oils are recommended for new advanced diesel powered engines in trucks, fishing & marine industries, heavy duty construction equipment, mining equipment, oil fuel engines, farm vehicles, passenger cars, all types of generators, etc. They are also recommended for gasoline engines in pick- up trucks, sport- utility vehicles, and mixed fleets.

SUPER LIFE® D9000 Turbo – Heavy Duty Turbo Diesel Engine Oils meet the performance requirements of the engine manufactures in North America, Europe, Japan: Caterpillar, Cummins, Detroit Diesel, Mack, Mercedes, Volvo, Komatsu, Kubota, Hino, Mitsubishi, Nissan, Daihatsu, International (Navistar), John Deere, Ford, Chrysler, GM, BMW, Audi, Volkswagen, Peugeot , Fiat, etc.

API CI-4plus/SL, CI-4/SL, CH-4, CG-4, CF-4, CF/SJ

ACEA E2/ E3/E5 ACEA E6/E7 (15W-40)

MACK EO-N, E0-M, EO-M plus

CUMMINS CES 20071/72/75/76 CES 20077/78 (15W-40)

MAN 3271-1, 3477

RENAULT VI RLD-2

VOLVO VDS-2 /VDS-3/VDS-4 (15W-40)

MB 228.3, 228.1 (15W-40)

SCANIA LDF /LDF-2 (15W-40)

BENEFITS:

- Excellent soot control for protection against abrasive wear and soot-induced oil thickening.
- Fuel saving and reduces maintenance expenses for machines, engines .
- Maintain oil film under conditions of high temperature and high stress. Protect moving parts from friction, wear and engine destroying metal-to-metal contact.
- Excellent oxidation, foam, corrosion inhibition
- Provide faster, safe starts during extreme low temperatures and increase thermal and oxidation stability at extreme high temperatures.
- Extend engine life

TYPICAL CHARACTERISTICS

Test	Method	Typical results	
SAE Viscosity Grade	SAE J300	15W-40	20W-50
API Gravity	ASTM D287	29.66	25.90
Specific gravity @ 15.6°C (60°F)	ASTM D1298	0.881	0.899
Viscosity @ 40°C cSt @ 100°C cSt	ASTM D445	119.5 15.5	174.0 19.5
Viscosity index	ASTM D2270	139	129
Flash Point, °C(°F)	ASTM D92	224 (435)	230 (446)
Pour Point, °C (°F)	ASTM D97	-36 (-33)	-27 (-16.6)
Sulfated Ash, %wt	ASTM D874	1.25	1.25
Total Base Number, mgKOH/g	ASTM D2896	10	10

The above characteristics are average values based on recent production. Minor variations, which do not affect product performance, are to be expected in normal manufacture.

WARNING:

Continuous contact with used motor oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and container to collection centers

Reference MSDS Number 12021 database on our website at www.amtecol.com

