



## ***SUPER LIFE® D9500*** **SYNTHETIC BLEND HEAVY DUTY** **DIESEL ENGINE OILS**

***SUPER LIFE® D9500 Products*** are formulated with a selected blend of synthetic and conventional mineral base oils and the latest technology in oxidation inhibition, anti-wear, corrosion inhibition, detergent, dispersant, defoaming additives. They can improve engine performance and protect modern, high-output, high speed, turbocharged or naturally aspirated heavy duty Diesel Engines, including Diesel Engines utilizing Exhaust Gas Recirculation (EGR). They are an excellent Heavy Duty Engine oil for use in diesel and gasoline powered engines, both over- the-road and off- highway types.

### **APPLICATIONS:**

***SUPER LIFE® D9500 Products*** are recommended for modern diesel powered engines in trucks, fishing & marine industries, heavy duty construction equipment, mining equipment, oil fuel engines, farm vehicles, passenger cars, etc., operating under severe service, subjected to wide variations in climate conditions, in all types of over- the- road service, including engines with EGR. They are also recommended for gasoline engines in pick up trucks, sport- utility vehicles, mixed fleets and four- stroke gasoline powered engines.

***SUPER LIFE® D9500 Products*** meet the performance requirements of the engine manufactures in North America, Europe, Japan: Caterpillar, Cummins, Detroit Diesel, Mack, Mercedes, Volvo, Komatsu, Hino, Mitsubishi, Nissan, Daihatsu, International (Navistar), John Deere, Ford, Chrysler, GM, BMW, Audi, Volkswagen, Peugeot , Fiat, etc.

SAE Viscosity Grade	10W-30	10W-40	15W-40	20W-50	25W-60
API CI-4plus/SL, CI-4/SL	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
API CH-4, CG-4, CF-4, CF/SJ	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
ACEA E2/ E3/E5		<b>X</b>	<b>X</b>	<b>X</b>	
ACEA E6/E7		<b>X</b>	<b>X</b>		
Caterpillar ECF-1-a, ECF-2, TO-2	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
MACK EO-N, E0-M		<b>X</b>	<b>X</b>	<b>X</b>	
MACK & E0-M plus	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
VOLVO VDS-2 /VDS-3/VDS-4	<b>X</b>	<b>X</b>	<b>X</b>		
DETROIT DIESEL 93K214			<b>X</b>		
CUMMINS CES 20071/72/75/76	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	
CUMMINS CES 20077/78			<b>X</b>	<b>X</b>	
MAN 3275-1			<b>x</b>		
MAN 3271-1, 3477		<b>X</b>	<b>X</b>		
MB 228.3, 228.1			<b>X</b>		
MB 228.51, 226.9		<b>X</b>		<b>X</b>	
RENAULT VI RLD-2		<b>X</b>	<b>X</b>		
MTU Type 2			<b>X</b>		
MTU 3.1		<b>X</b>			
MTU Type 1					
JASO DH-1			<b>X</b>	<b>X</b>	
JASO DH-2		<b>X</b>			
GLOBAL DHD-1			<b>X</b>	<b>X</b>	
SCANIA LDF /LDF-2			<b>X</b>		
DEUTZ DQC III-10		<b>X</b>	<b>X</b>		

## BENEFITS:

- Minimize piston and combustion chamber deposits.
- Fight sludge and varnish.
- Excellent protection against engine wear due to soot.
- Fuel economy, oil economy
- 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	10W-30	10W-40	15W-40	20W-50	25W-60
API Gravity	ASTM D 287	30.77	29.47	29.47	28.03	25.90
Specific gravity @ 15.6°C (60°F)	ASTM D1298	0.872	0.879	0.879	0.887	0.899
Viscosity @ 40°C cst @ 100°C cst	ASTM D445	67 10.30	98.95 14.00	106.60 14.60	151.36 18.27	240 25
Viscosity index	ASTM D2270	140	144	140	135	132
Flash point, °C (°F)	ASTM D92	225 (437)	230 (446)	232 (450)	232 (450)	232 (450)
Pour Point, °C (°F)	ASTM D97	-38 (-36)	-36(-33)	-36 (-33)	-36 (-33)	-36 (-33)
Sulfated Ash, %wt	ASTM D874	1.25	1.25	1.25	1.25	1.25
Total Base Number, mgKOH/g	ASTM D2896	10	10	10	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 children.

Don't pollute. Conserve resources. Return used oil and container to collection centers

Reference SDS Number 12023 database on our website at [www.amtecol.com](http://www.amtecol.com)  
OR scan the code for a direct link

