



#### **FULLY SYNTHETIC HEAVY DUTY DIESEL ENGINE OIL**

# **Product Description**

S-OIL SEVEN BLUE #9 CJ-4/SL is made by 100% synthetic base oil, suitable for all heavy-duty engines, non-turbocharged or turbocharged, in on/off highway service including the latest most OEM's EURO VI and older generation engines. And recommended for vehicles fitted with after-treatment devices including DPF, FGR and SCR.

# **Applications**

- O All turbocharged or normally aspirated diesel engines of vehicles operating in the most severe conditions
- O Light Trucks, RVs, SUVs, Heavy Trucks, Buses with diesel engines
- O Especially diesel vehicles with European engine under high pressure and temperature

#### **Features and Potential Benefits**

- O Full synthetic base oil enhances the engine protection and engine oil life thanks to high stability and cleanliness
- O This low SAPS (Sulfated Ash, Phosphorus and Sulfur) engine oil provides long life for exhaust after-treatment devices including diesel particulate filter
- O Excellent detergent system helps keep pistons and other engine parts clean for long engine life
- O Good thermal breakdown resistance ensures engine protection under modern engine's severe conditions
- O In cold condition, good fluidity provides easy start and prevents wear damage in initial stage

## **Performance Level**

O ACEA: E9/E7 O Renault Truck: RLD-3

O API : CJ-4/SM O MAN : M3575

O Mercedes-Benz: MB 228.31
O Mack: EO-O Premium Plus
O Caterpillar: ECF-3

### **Typical Properties**

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Test Items		Method	Unit	10W-40	15W-40
Specific Gravity		ASTM D1298	-	0.858	0.859
Viscosity	<b>40</b> °C	ASTM D445	cSt	94.98	101.7
	100°C	ASTM D445	cSt	14.30	15.00
Viscosity Index		ASTM D2270	-	154	154
Flash Point		ASTM D92	$^{\circ}$	228	240
Pour Point		ASTM D97	$^{\circ}$	-35	-32

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S-OIL SEVEN BLUE #9 CJ-4/SL 2019.06.20

