



# S-OIL SEVEN BLUE #7 CI-4/SL

**SYNTHETIC DIESEL ENGINE OIL**

## Product Description

S-OIL SEVEN BLUE #7 CI-4/SL is made by synthetic base oil and multi grade engine oil for diesel engine. It's suitable for all turbocharged or normally aspirated diesel engines of civil works machines, trucks, fishing boats and locomotives. It can be used for vehicles requiring performance specification API CI-4/SL.

## Applications

- Suitable to all turbocharged or normally aspirated diesel engines of civil works machines, trucks, fishing boats, locomotives and buses
- Light Trucks, RVs, SUVs, Heavy Trucks and Buses with diesel engines
- Particularly suited for latest engines fitted with after-treatment devices including EGR and SCR

## Features and Potential Benefits

- Excellent detergent system helps keep pistons and other engine parts clean for long engine life
- Good thermal breakdown resistance ensures engine protection under modern severe engine conditions
- This low SAPS (Sulfated Ash, Phosphorus and Sulfur) engine oil can reduce the blockage of filter for exhaust gas treatment
- In cold condition, good fluidity provides easy start and prevents wear damage in initial stage
- Excellent oxidation resistance, anti-wear and anti-corrosion properties protect your engine during operation

## Performance Level

- |                                  |                             |                                 |
|----------------------------------|-----------------------------|---------------------------------|
| ○ ACEA : E7                      | ○ Volvo : VDS-3             | ○ Cummins : CES 20076/77/78     |
| ○ API : CI-4/SL                  | ○ Mack : EO-M Plus          | ○ Caterpillar : ECF-2/ECF-1-a   |
| ○ Mercedes-Benz : MB 228.3/229.1 | ○ Renault Truck : RLD/RLD-2 | ○ DEUTZ : DQC III-10            |
| ○ MTU : 2                        | ○ MAN : M3275               | ○ Detroit Diesel : 93K215/DHD-1 |

## Typical Properties

Test Items	Method	Unit	5W-30	10W-30	10W-40	15W-40	20W-50	
SG	ASTM D1298	-	0.860	0.872	0.870	0.876	0.877	
Viscosity	40°C	ASTM D445	cSt	72.2	82.9	106.8	107.2	158.6
	100°C	ASTM D445	cSt	12.14	12.5	15.6	14.5	19.1
VI	ASTM D2270	-	163	147	155	139	137	
Flash Point	ASTM D92	°C	250	222	230	238	246	
Pour Point	ASTM D97	°C	-37	-37	L-40	-29	-38	
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This lubricant used recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet is obtainable via your commercial adviser.