

- API CI-4
- ACEA E5/E7
- MB 228.3
- MAN 3275
- Volvo VDS-3 Package Approval

ECCO
For Long Engine Life
SINOL CI-4

Specifications	SAE grade			ASTM Test method
	20W50	15W40	10W40	
Kinematic Viscosity @ 100° C, cSt	19	15.5	15	D 445
Viscosity Index	≥ 125	≥ 140	≥ 150	D 2270
Flash Point, °C	≥ 220	≥ 210	≥ 210	D 92
Pour Point, °C	≤ -27	≤ -27	≤ -30	D 97
Volatility, %W	≤ 10	≤ 13	≤ 15	D 5800
TBN, mg KOH/gr	≥ 12	≥ 12	≥ 12	D 2896
Specific Gravity @ 15°C, Kg/m ³	885	875	870	D 1298
CCS, cP	-15°C ≤ 9500	-20°C ≤ 7000	-25°C ≤ 7000	D 5293

Specifications:

- Use of hydrogenated base oil for thermal stability increasing and resistance against oxidation
- Including premium high viscosity index group III base oil for thermal stability increasing and resistance against oxidation (only for SAE 10W40)
- Excellent property of anti-oxidation and thermal stability
- Excellent anti-wear and anti-corrosion of engine parts
- Excellent alkalization in order to prevent of unfavorable effects of produced acids due to inner combustion and therefore long engine life
- Excellent lubricating power of bearings in low temperatures for easy starting and reduction of precipitation in low temperatures specially during short trips
- Excellent shear stability of product and keeping of viscosity in high operating temperatures
- Long lifetime in high operating condition



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ECCOV Sinol

ECCO SINOL Engine oil is produced of high viscosity index paraffinic hydro-finished base oil and using the updated additives according to Vulcan Petrochem Ltd formulation to use in super and turbo charged diesel engines designed after 2007, in all seasons and weather conditions.

Usage:

Suitable for buses and trucks as Scania, Benz and Volvo and Road & building & mines excavation and agricultural equipment, and heavy-duty machinery and other automobiles which the above performance level with grades SAE 10W40, 15W40 and 20W50 are recommended by the manufacturer.

Packaging:

This product is offered in drum, 4 & 20 liters gallons.

