

- CH-4/CF/SL
- ACEA B4-04/E7-04
- MB 228.3 package approval
- MAN 3275
- MTU Type 2
- Mack EOM-Plus
- Cummins CES 20076/77
- Volvo VDS-2
- ISIRI 11380

ECCO 
Reduces Engine Noise
DINOL CH-4

Specifications	SAE grade			ASTM Test method
	20W50	15W40	10W40	
Kinematic Viscosity @ 100° C, cSt	18.5	15.5	15	D 445
Viscosity Index	≥ 125	≥ 140	≥ 150	D 2270
Flash Point, °C	≥ 220	≥ 210	≥ 210	D 92
Pour Point, °C	≤ -24	≤ -27	≤ -30	D 97
Volatility, %W	≤ 10	≤ 13	≤ 12	D 5800
TBN, mg KOH/g	≥ 12	≥ 12	≥ 15	D 2896
Specific Gravity @ 15°C, Kg/m³	890	885	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 cleaning and dispersion property in order to decrease of soot and precipitates from engine surface
- Excellent Anti-wear property and prevention of engine parts erosion
- Neutralization property of acids due to oxidation and combustion in order to prevent of engine parts corrosion and therefore noticeable increasing of oil lifetime
- Excellent protection of engine under any weather conditions
- Excellent lubricating power of bearings in low temperatures specially easy starting and reduction of precipitation in low temperatures specially during short trips
- High shear stability of product and keeping of viscosity in high operating temperatures
- High capability in elimination of extra heat from engine to protect of parts metallurgical structures
- Oil consumption control and cost reduction



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ECCO Dinol

ECCO  **DINOL** engine oil is produced of high viscosity index paraffinic hydro-finished base oil and using the best additives according to Vulcan Petrochem Ltd formulation to use in super charged diesel engines in all seasons and weather conditions.

Usage:

Suitable for buses and trucks such as Benz, Volvo and Scania, Akiu, Hyundai, Road & building & mine excavation and agricultural machinery, Launch boat diesel engine and all four-stroke diesel engine, super and turbo charged which the above performance levels with grades SAE 10W40, 15W40 and 20W50 are recommended by the manufacturer.

Packaging:

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

