MOLEC®
LUBRICANTS

FULL SYNTHETIC SAE 5W-40 CK-4

MOLEC® FULL SYNTHETIC SAE 5W-40 CK-4/SN is a fully formulated premium quality mixed fleet engine oil recommended for naturally aspirated and turbo-charged diesel and gasoline engines. Formulated with superior additive technology, this premium engine oil offers significantly improved oxidation and aeration protection on previous CJ-4 generation engine oils.

MOLEC® FULL SYNTHETIC SAE 5W-40 CK-4/SN provides outstanding shear stability and has the highest level of ashless dispersant that keeps soot in suspension and helps to avoid abrasive wear, filter plugging, cylinder head sludge, viscosity increases and gelation.

TECHNICAL DATA:

SPECIFICATIONS	ASTM	SAE 5W-40
Product Number		50140
Viscosity @ 100˚C, cSt	D445	14.67
Viscosity @ 40˚C, cSt	D445	90.19
Viscosity Index	D2270	170
Specific Gravity @ 60˚F	D4052	0.8561
Pour Point, ˚C	D5950	-48
Colour ASTM	D1500	L4.5
CCS @ -30°C, cP	D5293	6100
Flash Point COC, °C	D92	205
TBN	D2896	10.5
Sulfated Ash, %w	D874	0.9
Noack volatility, %w	D5800	12
HTHS @ 150°C, mPa s	D4683	3.9

BENEFICIAL QUALITIES:

- Provides a significantly increased level of protection against harmful engine wear when compared to previous generation API CJ-4 engine oils.
- Improved fuel economy, tests proved that MOLEC® 5W-40 full synthetic motor oil delivers greater than 1.5% fuel economy over conventional 15W-40 oils under all driving conditions.
- The advanced multi-functional dispersant additives in combination with synthetic base oils provide an enhanced level of protection against the effects of soot, dirt and other contaminants.
- Advanced low-ash formulation helps control blocking of or poisoning of exhaust after-treatment devices, helping maintain vehicle emission compliance and engine fuel efficiency.
- Outstanding Shear Stability, resists viscosity loss through shear and will maintain optimal pressure in the engine.

APPLICATIONS:

MOLEC® FULL SYNTHETIC SAE 5W-40 CK-4/SN is fully formulated for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards as well as for previous model year diesel engines. This oil is also recommended for mixed fleets.

INDUSTRY & OEM APPLICATIONS:

- CK-4, CJ-4, CI-4, CH-4/SN, CI-4 Plus
- E9-2012, E7
- DFS93K222, DFS93K218
- RLD-4.5, RLD-3
- EFC-3, ECF-2
- EOS-4.5, EO-0 Premium Plus, EO-N Premium Plus 03
- VDS-4.5, VDS-4, VDS-3
- CES20086, CES20081
- MB228.31
- MTU Category 2.1
- M3575

AVAILABLE PACKAGING:

• 4.73L Jugs • 18.9L Pails • 208L Drums • 1040L Totes

PRODUCT CODES:

50140

WHEN QUALITY MATTERS®

MOLEC Lubricants takes no responsibility for product misuse or misapplication. Always follow OEM recommendations for fluid viscosity and API Service category.

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