MOLEC®
LUBRICANTS

PREMIUM S/B CK-4 DIESEL ENGINE OIL

MOLEC® PREMIUM S/B CK-4 Diesel Engine Oils are advanced synthetic-blend fluids designed to deliver maximum protection & performance in both off-highway and on-highway applications. Formulated with premium base oils and a tailored additive system, this proprietary formulation delivers excellent wear protection, outstanding oxidation stability and excellent TBN retention.

MOLEC® PREMIUM S/B CK-4 Diesel Engine Oils provide outstanding resistance to oil consumption, oxidation, corrosive and abrasive wear and high-temperature deposits. These products meet or exceed OEM requirements and deliver high-performance value.

TECHNICAL DATA:

SPECIFICATIONS	ASTM	SAE 10W-30	SAE 15W-40
Product Number		54230	54250
Viscosity @ 100˚C, cSt	D445	11.64	15.05
Viscosity @ 40˚C, cSt	D445	79.25	110.3
Viscosity Index	D2270	139	142
Specific Gravity @ 60˚F	D4052	0.8683	0.8699
Pour Point, ˚C	D97	-39	-36
Colour ASTM	D1500	L4.3	L4.3
CCS,Cp	D5293	5,439 @ -25ºC	4,604 @ -20ºC
Flash Point, ˚C	D92	227	223
TBN, mg KOH/g	D2896	9.7	9.7
Sulfated Ash, %m	D874	0.9	1.0
Hths @ 150ºC,mPa s	D4683	3.6	4.3
Noack, %m	D5800	13.0	10.0

BENEFICIAL QUALITIES:

- Outstanding oxidation stability allowing for extended oil drain intervals
- Exceptional low-temperature pump-ability for protection from cold starts
- Excellent soot control, viscosity retention & TBN retention.
- Excellent protection against valve train, ring and liner wear.
- Superior high temperature thermal stability

APPLICATIONS

MOLEC® PREMIUM S/B CK-4 Diesel Engine Oils are recommended for the latest heavy-duty diesel engines, including those equipped with aftertreatment systems and EGR. On-highway heavy-duty trucking and off-highway applications including trucking, mining constructions, agriculture and marine.

INDUSTRY & OEM SPECIFICATIONS

- API 15W-40: CK-4, CJ-4, CI-4/SN
- API 10W-30: CK-4, CJ-4, CI-4, CH-4
- Detroit DDC 93K222, 93K218
- Cummins CES 20086, CES20081
- Mack EOS-4.5, EO-O Premium Plus
- Renault VI RLD-4, RLD-3
- Volvo VDS-4.5, VDS-4

AVAILABLE PACKAGING: • 18.9L • 205L • 1000L

PRODUCT CODES: • 54230: 10W-30 • 54250: 15W-40

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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