

## PRODUCT DESCRIPTION

BEX® Ultimate Performance Heavy Duty CK-4 Full Synthetic Diesel Engine Oils are specially formulated with EX<sup>3</sup> to provide extra engine protection in 3 key areas: viscosity stability, extended wear performance, and resistance to engine buildup. Utilizing advanced technology, BEX® oils exceed current industry performance requirements. When using in conjunction with fuel containing more than 15 ppm sulfur, consult the engine manufacturer for service interval recommendations. Always consult the vehicle manual for proper fluid & maintenance guidelines. BEX® oils are warranted against defect when used & stored properly.

## FEATURES & BENEFITS

- Especially effective at sustaining emission control system durability using particulate filters
- Offers enhanced protection against oxidation, viscosity loss due to shear, and oil aeration
- Delivers protection against catalyst poisoning, particulate filter blocking, engine wear, & piston deposits
- Also protects against degradation of low & high temperature properties & soot related viscosity increase

## TYPICAL PROPERTIES

TEST NAME	ASTM	5W-30 Euro LE	5W-30	10W-30	5W-40	10W-40	15W-40
Viscosity @ 100° C, cSt	D445	11.0	10.8	11.5	14.5	14.5	15.3
Viscosity @ 40° C, cSt	D445	71.55	61.25	73.7	86.8	91.75	104.45
Viscosity Index	D2270	145	170	150	175	165	155
Flash Point °C / °F	D92	215 / 419	215 / 419	218 / 424	218 / 424	218 / 424	220 / 428
Pour Point °C / °F	D97	-42 / -43.6	-42 / -43.6	-40 / -40	-40 / -40	-40 / -40	-38 / -36.4
TBN mgKOH/g	D2896	9	9	9	9	9	9
CCS Apparent Viscosity, cP	D5293	5200@-30C	5200@-30C	5400@-25C	5600@-30C	5800@-25C	5400@-20C
MRV Apparent Viscosity cP	D4684	18000@-35C	18000@-35C	17600@-30C	22000@-35C	21000@-30C	17000@-25C
Color	D1500	Amber			Transparent	Liquid	

*Typical test data may vary. Minor variations, which do not affect performance, may occur.*

## PACKAGING DETAIL

PRODUCT PACK SIZE	UNIT WEIGHT	Cubic Feet	PALLET QTY	PALLET WEIGHT
Case 12/ 1L, net 12L	25.2	0.78	96	2515
Case 4/ 4L, net 16L	33.5	1.03	60	2055
Case 4/ 5L, net 20L	42.5	1.22	40	1750
Pail 18.9L (5 gal)	38.0	1.24	42	1640
Drum 208L (55 gal)	428	10.52	4	1760
Tote 1000L (265 gal)	1930	49.4	1	1930

## TYPICAL APPLICATIONS

- Suitable for use : API CK-4, CJ, CI-4+, CI-4, CH-4, SN, SM, SL, SF, ACEA E9-12, and Caterpillar ECF-3, Cummins CES 20086, DDC 93K222, Daimler MB 228.31, Deutz DQC III-10 LA, Ford WSS-M2C171-F1, Mack EOS 4.5, MAN 3575, MTU Type 2.1, Renault Trucks RLD-4, Volvo VDS-4.5
- Designed for use in high-speed 4 stroke diesel engines to meet 2017 on-highway and Tier 4 off road emission standards, as well as previous model year diesel engines

HANDLING AND SAFETY INFORMATION - Refer to (SDS) Safety Data Sheets for proper handling and safety information. Use the same care and handling as for any petroleum product. Nothing herein shall be deemed to constitute a warranty, express or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.