



DURAGARD[®] DIAMOND PLATE[®] SAE 10W-30 CK-4 ENGINE OIL PREMIUM SYNTHETIC BLEND

Duragard[®] Diamond Plate[®] SAE 10W-30 API CK-4 Synthetic Blend Engine Oil is an extreme performance (HTHS) high-temperature, high-shear viscosity synthetic blend oil formulated to meet the significantly improved specifications for 2017 and newer engines while being fully compatible for 2016 and prior engines that previously used CJ-4.

Duragard[®] Diamond Plate[®] SAE 10W-30 API CK-4 Synthetic Blend Engine Oil will deliver more oxidization protection for hotter, heavy-duty engines, minimizing acid formation, deposits and viscosity increase, promoting reduced wear, improved shear stability, greater oxidation stability, and foam prevention.

Customer Benefits with DIAMOND PLATE PROTECTION[®]

- * Meets or exceeds warranty requirements of engine manufacturers that require a type API CK-4/SN premium synthetic blend SAE 10W-30 motor oil.
- * Engineered to improve fuel mileage and to maximize horsepower and acceleration and handle the most extreme conditions.
- * Exceeds performance of non-current API CJ-4 oils.
- * (HTHS) High-temperature, High-shear viscosity.
- * Improved shear stability
- * More oxidization protection for hotter, heavy-duty engines
- * Minimizes acid formation
- * Reduced deposits
- * Extended drain intervals
- * Meets or exceeds API, SN Plus and ILSAC GF-5 requirements.
- * Meets Ford's stringent 2017 and newer WSS-M2C171-F1 specification.

Product Code: DURCK410W30SBL

Product Containers Available:



Quart



1 gal.



2.5 gal.
2 pack



5 gal.



30 gal.



55 gal.



BULK



BULK
LIMITED AREA

API SERVICE CK-4/SN



www.duragardoil.com

Made in USA with domestic and imported products.

Diamond Plate Protection[®]



Duragard® Diamond Plate® SAE 10W-30 API CK-4 Synthetic Blend Engine Oil is a direct replacement for CJ-4 using the same viscosity grades in Synthetic or Synthetic Blend oil types providing protection for all future engine designs, while improving protection of current and previous engines. CK-4 and CJ-4 can be mixed and should have no detrimental impact to engines.

However, it is recommended to completely change over to CK-4 oil by using a hot drain of the CJ-4 oil to help minimize residual oil and achieve full benefits of the new oil. Fleets using CJ-4 should implement a secondary storage for CK-4 or completely empty a CJ-4 tank before filling with Duragard® Diamond Plate® SAE 10W-30 CK-4 Engine oil.

Application Specifications:

This product meets, or exceeds the requirements similar to the following manufacturers and global specifications:

API CK-4	Approved
API SN	Approved
API CJ-4	Approved
API CI-4 Plus, CI-4, CH-4, CG-4, CF-2, CF	Meets Requirements
API SJ, SH, SG, SF, SE, SD, SC	Meets Requirements
API SM	Meets Requirements
API SL	Meets Requirements
ACEA E4, E2	Meets Requirements
Allison C-4	Suitable for Use
CAT ECF-3, ECF-2, ECF-1-a	Meets Requirements
Cummins 20086	Meets Requirements
Cummins CES 20081, 20077, 20076	Meets Requirements
Detroit Diesel 93K218, 93K215, 93K214	Meets Requirements
Detroit Diesel 93K222	Meets Requirements
Ford WSS-M2C171-F1	Meets Requirements
Global DHD-1	Meets Requirements
JASO DH-2	Meets Requirements
Mack EOS-4.5	Meets Requirements
MAN 3575	Meets Requirements
MTU 2.1	Meets Requirements
Renault RLD-4	Meets Requirements
Volvo VDS-4.5	Meets Requirements

Consult your manufacturer's specifications for information and use.



Typical Physical Specifications:

SAE GRADE 10W-30

Product Code: DURCK410W30SBL

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity, °API	ASTM D287	32.03
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8653
Viscosity @ 40°C, cSt	ASTM D445	77.05
Viscosity @ 100°C, cSt	ASTM D445	12.01
Viscosity Index	ASTM D2270	152
Pour Point, °C (°F)	ASTM D5950	-39°C (-38°F)
Cold Cranking Simulator at (°C), cP	ASTM D5293	4934 (-25)
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.5
Noack Volatility, % loss	ASTM D6375	13
Color	ASTM D1500	2.5
Zinc, wt. %	ASTM D5185	0.127
Phosphorus, wt. %	ASTM D5185	0.115
Calcium, wt. %	ASTM D5185	0.105
Sulfur, wt. %	ASTM D4951	0.32
Magnesium, wt. %	ASTM D5185	0.1
Molybdenum, wt. %	ASTM D5185	0.0066
Sulfated Ash, wt. %	ASTM D874	0.99
Nitrogen, wt. %	ASTM D4629	0.105
Pumping Viscosity at (°C), cP	ASTM D4684	23,600 (-30)
TBN, mgKOH/g	ASTM D2896	10

Typical test data average values only, minor variations which do not affect product performance are to be expected during normal manufacturing.

READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION

#1 In Customer Service And Technical Support

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