



DURAGARD[®]

DIAMOND PLATE[®]

SAE 15W-40 CK-4 ENGINE OIL

PREMIUM SYNTHETIC BLEND

Duragard[®] Diamond Plate[®] SAE 15W-40 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 15W-40 API CK-4 Synthetic Blend Engine Oil will deliver more oxidation 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 15W-40 motor oil.
- * Engineered to improve fuel mileage and to maximize horsepower and acceleration and handle the most extreme conditions.
- * 100% pure synthetic oils for long lasting engine protection and performance.
- * Formulated for use in vehicles operating on ethanol-containing fuels up to E85.
- * Meets or exceeds API, SN Plus and ILSAC GF-5 requirements.

Product Code: DURCK415W40SBL

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.

2020 © Copyright ADVANTAGE DIST., LLC All Rights Reserved

Diamond Plate Protection[®]

DURAGARD[®] IS A REGISTERED TM OF ADVANTAGE DIST. LLC, ROCH., MN 55904

Rev 06/2020 PG-1



DURAGARD® DIAMOND PLATE® SAE 15W-40 API CK-4 ENGINE OIL

Duragard® Diamond Plate® SAE 15W-40 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 15W-40 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 SL	Meets Requirements
API SM	Meets Requirements
ACEA E9, E7, E4, E2	Meets Requirements
Allison C-4	Suitable for Use
CAT ECF-3, ECF-2, ECF-1-a	Meets Requirements
Chrysler/Fiat MS-10902	Meets Requirements
CID A-A-52306, MIL-PRF-2104G	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-E	Meets Requirements
Ford WSS-M2C171-F1	Meets Requirements
Global DHD-1	Meets Requirements
JASO DH-2	Meets Requirements
John Deere	Suitable For use
Mack EO-O Premium Plus, EO-N Premium Plus 03, EO-M Plus, and prior	Meets Requirements
Mack EOS-4.5	Meets Requirements
MAN 3275, 270	Meets Requirements
MAN 3575	Meets Requirements
MB 228.3, 228.31	Meets Requirements
MTU 2.1	Meets Requirements
MTU Type I, Type II	Meets Requirements
Renault RLD-4	Meets Requirements
Volvo VDS-4, 3, 2	Meets Requirements
Volvo VDS-4.5	Meets Requirements

Consult your manufacturer's specifications for information and use.



Typical Physical Specifications:

SAE GRADE 15W-40

Product Code: DURCK415W40SBL

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity, °API	ASTM D287	30.99
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8708
Viscosity @ 40°C, cSt	ASTM D445	114.3
Viscosity @ 100°C, cSt	ASTM D445	15.92
Viscosity Index	ASTM D2270	149
Pour Point, °C (°F)	ASTM D5950	-36°C (-33°F)
Cold Cranking Simulator at (°C), cP	ASTM D5293	4100 (-20)
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	4.3
Noack Volatility, % loss	ASTM D6375	10
Color	ASTM D1500	3
Zinc, wt. %	ASTM D5185	0.127
Phosphorus, wt. %	ASTM D5185	0.115
Calcium, wt. %	ASTM D5185	0.181
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	21,600 (-25)
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

ADVANTAGE

Advantage Distributing and Lubricants, LLC

3434 Marion Rd SE
Rochester, MN 55904

1-800-420-1414 507-289-5555

INFO@ADVANTAGELUBES.COM