



DURAGARD® 100% SYNTHETIC SAE 5W-20 MOTOR OIL

SUPER DIAMOND SYN®
PREMIUM FORMULATION
Ultra Protection Ultra Performance Ultimate Wear Control



Duragard® Super Diamond Syn® 100% Synthetic SAE 5W-20 Motor Oil is a premium synthetic formulation using the most advanced additive technology available to meet the latest fuel economy standards while exceeding the ILSAC GF-6A stringent specifications for wear control, piston deposits, cleanliness, varnish and sludge, oxidation control, and emission system and seal compatibility.

Duragard® Super Diamond Syn® 100% Synthetic SAE 5W-20 Motor Oil is an API SP and ILSAC GF-6A Resource Conserving Performance 5W-20 Motor Oil and is specifically designed for use in US and European high performance gasoline engines, but may be used wherever a SAE 5W-20 ILSAC GF-6A and API-SP or previous specifications are called for.

Customer Benefits:

- * Meets or exceeds OEM specifications for worldwide warranty requirements for all US and European automotive gasoline engines currently in use.
- * 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.
- * Engineered to handle the most extreme conditions.
- * Formulated for use in vehicles operating on ethanol-containing fuels up to E85.
- * Meets or exceeds API SP and ILSAC GF-6A requirements.

Product Code: DURSYN5W20

Product Containers Available:



Quart



2.5 gal.
2 pack



5 gal.



30 gal.



55 gal.



BULK



BULK
LIMITED AREA

API SERVICE SP
ILSAC GF-6A



Also Approved for
Gasoline Engine Service



www.duragardoil.com

Made in USA with domestic and imported products.

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Diamond Plate Protection®

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Rev 12/2020 PG-1



Application Specifications:

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

API SP	Approved
ILSAC GF-6A	Approved
API SN, SN PLUS	Meets Requirements
API SJ, SH, SG, SF	Meets Requirements
API SL	Meets Requirements
API SM	Meets Requirements
ACEA A3/B4	Meets Requirements
Chrysler MS-10797	Meets Requirements
Chrysler MS-6395	Meets Requirements
Ford WSS M2C947-A, WSS-M2C947-B1, M2C962-A1	Meets Requirements
GM 6094M	Meets Requirements
ILSAC GF-5, ILSAC GF-4	Meets Requirements

Typical Physical Specifications:

SAE GRADE 5W-20

Product Code: DURS5N5W20

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Boron, wt. %	ASTM D5185	0.02
Calcium, wt. %	ASTM D5185	0.135
Cold Cranking Simulator at (°C), cP	ASTM D5293	5800 (-30)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	226
Flash Point °F	ASTM D92	439
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Gravity, °API	ASTM D287	35.66
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	20/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	2.7
Magnesium, wt. %	ASTM D5185	0.059
Molybdenum, wt. %	ASTM D5185	0.0079
Nitrogen, wt. %	ASTM D4629	0.104
Noack Volatility, % loss	ASTM D6375	13
Phosphorus, wt. %	ASTM D5185	0.076
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)
Pumping Viscosity at (°C), cP	ASTM D4684	21,000 (-35)
Shear Stability, Final Viscosity in cSt	ASTM D6278	7.9
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8465



Typical Physical Specifications (Cont.):

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Sulfated Ash, wt. %	ASTM D874	0.09
Sulfur, wt. %	ASTM D4951	0.3
TBN, mgKOH/g	ASTM D2896	7.9
Viscosity @ 100°C cSt	ASTM D445	8.475
Viscosity @ 40°C cSt	ASTM D445	44.59
Viscosity Index	ASTM D2270	170
Zinc, wt. %	ASTM D5185	0.085

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

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