Diamond Plate® dexos1™ 100% Synthetic 0W-20 Motor Oil

**Duragard®** Diamond Plate® dexos1™ 100% Synthetic 0W-20 Motor Oil is a full synthetic formulation using the most advanced additive technology available to meet the latest fuel economy standards while exceeding the specifications for wear control, piston deposits, cleanliness, varnish and sludge, oxidation control, and emission system and seal compatibility. These specifications are far more stringent than ILSAC GF-5 specification.

**Duragard®** Diamond Plate® dexos1™ 100% Synthetic 0W-20 Motor Oil is an API SN and ILSAC GF-5 Resource Conserving Performance Motor Oil and is approved and licensed by General Motors for worldwide warranty service for all GM gasoline engine cars and trucks where a SAE 0W-20 dexos1™ is required. Duragard® dexos1™ 100% Synthetic SAE 0W-20 is specifically designed for use in GM gasoline engines, but may be used wherever ILSAC GF-5 and API-SN dexos1 TM 100% Synthetic SAE 0W-20 or previous specifications are called for.

**Duragard®** Diamond Plate® dexos1™ 100% Synthetic 0W-20 Motor Oil provides the highest level of engine protection available, even under the most severe operating conditions. Duragard® dexos1™ SAE 0W-20 has exceptionally high viscosity that indices minimize cold weather thickening, which greatly reduces battery drain and engine wear, even at subzero startups and also provides exceptional resistance to high temperature oxidation thickening.

**Customer Benefits with Duragard® Diamond Plate® dexos1™ 100% Synthetic 0W-20 Motor Oil**

* Exceeds warranty requirements of engine manufacturers that require a type API SN or ILSAC GF-5 dexos1™ 100% Synthetic SAE 0W-20 motor oil.

* Formulated to prevent engine wear even in the most severe GM tests, Duragard® dexos1™ exceeds the performance limits by 65%.

* Keeps pistons cleaner, minimizing oil consumption and maintaining power and compression performance.

* Chemistry significantly outperforms the industry requirement, reducing engine sludge to near zero.

* Emission conserving protecting the car's catalyst system to help protect the environment.

* For use in all naturally aspirated or turbo-charged gasoline engines.
Application Specifications:

**DURAGARD® Diamond Plate® dexos1™ 100% Synthetic 0W-20 Motor Oil**

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

- GM licensed dexos1™ SAE 0W-20 motor oil
- API SN, and prior SM, SL, SH, SG, SF, SE, SD, SC
- ILSAC-GF-5, and prior GF-4

**Product Containers Available:**
- Bulk * 55 gal. * 30 gal. * 5 gal. pails * 2.5 gal/2pk

**Typical Physical Specifications:**

**SAE Grade 0W-20**

Product Code: DURSYN0/20xx

<table>
<thead>
<tr>
<th>INSPECTION INFORMATION</th>
<th>TEST METHOD</th>
<th>TYPICAL VALUE</th>
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<tbody>
<tr>
<td>Gravity, °API</td>
<td>ASTM D287</td>
<td>35.36</td>
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<tr>
<td>Specific Gravity @60°F (15.6°C)</td>
<td>ASTM D4052</td>
<td>0.848</td>
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<tr>
<td>Viscosity @ 40°C cSt</td>
<td>ASTM D445</td>
<td>43</td>
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<tr>
<td>Viscosity @ 100°C cSt</td>
<td>ASTM D445</td>
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<td>Viscosity Index</td>
<td>ASTM D2270</td>
<td>171</td>
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<tr>
<td>Pour Point °C (°F)</td>
<td>ASTM D5950</td>
<td>-45 °C (-49 °F)</td>
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<tr>
<td>Cold Cranking Simulator at (°C), cP</td>
<td>ASTM D5293</td>
<td>5300 (-35)</td>
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<tr>
<td>High Temperature / High Shear Vis at 100°C</td>
<td>ASTM D6616</td>
<td>5.7</td>
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<tr>
<td>High Temperature / High Shear Vis at 150°C</td>
<td>ASTM D5481</td>
<td>2.63</td>
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<tr>
<td>Noack Volatility, % loss</td>
<td>ASTM D6375</td>
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<tr>
<td>Color</td>
<td>ASTM D1500</td>
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<tr>
<td>Zinc, wt. %</td>
<td>ASTM D5185</td>
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<tr>
<td>Phosphorus, wt. %</td>
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<tr>
<td>Calcium, wt. %</td>
<td>ASTM D5185</td>
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<td>Sulfur, wt. %</td>
<td>ASTM D4951</td>
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<tr>
<td>Boron, wt. %</td>
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<tr>
<td>Molybdenum, wt. %</td>
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<tr>
<td>Sulfated Ash, wt. %</td>
<td>ASTM D874</td>
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<td>Nitrogen, wt. %</td>
<td>ASTM D4629</td>
<td>0.102</td>
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<tr>
<td>Pumping Viscosity at (°C), cP</td>
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<td>21,000 (-40)</td>
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<tr>
<td>Shear Stability</td>
<td>ASTM D6278</td>
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<td>Foam Seq. I(Tendency/Stability), mL</td>
<td>ASTM D892 (Opt. A)</td>
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<td>Foam Seq. II(Tendency/Stability), mL</td>
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<td>Foam Seq. III(Tendency/Stability), mL</td>
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<td>High Temperature Foaming, Static Foam</td>
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<td>TBN, mgKOH/g</td>
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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
ILSAC GF-5

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http://duragardoil.com/duragard_mag1_100_syn_dexos1_0w20_1865_ghs.php

Manufactured by Warren Dist. under lic. # RB1E0926025 for Duragard Oil.

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