



GTX Magnatec 0W-20

CLINGING MOLECULES PROTECT FROM THE START

Description

Did you know testing confirms that up to 75% of engine wear occurs during the first 20 minutes of warm up?*

When your engine stops, oil drains off critical engine parts, but Castrol GTX MAGNATEC's intelligent molecules don't – they form an extra layer of protection during warm up, when your engine needs it most, dramatically reducing engine wear and keeping critical parts up to 4X smoother.*

Provides superior protection in gasoline direct injection engines (including but not limited to GDI, FSI, SIDI, EcoBoost - check your owner's manual for details).

** As tested in the industry Sequence IVA wear test.*

Castrol GTX MAGNATEC also delivers:

- Superior wear protection on critical engine parts
- Unsurpassed level of protection against viscosity breakdown
- Unique full synthetic technology to fight against harmful sludge build-up
- High level of fuel economy based on US industry standards

Application

Industry Specifications and OEM approvals:

- * API SN Plus/SN
- * ILSAC GF-5
- * GM dexos1® Gen 2

dexos1® is a registered trademark of General Motors

Typical Characteristics

Name	Method	Units	Typical Values
Density @ 15C, Relative	ASTM D4052	g/ml	0.86
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	8.511
Viscosity, CCS -35C (0W)	ASTM D5293	mPa.s (cP)	5800
Viscosity, HTHS 150C	ASTM D4683	cP	2.75
Viscosity, MRV / Yield Stress -40C (0W)	ASTM D4684	mPa.s (cP)	26000
Noack Volatility	ASTM D5800	% wt	11.8
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	44
Viscosity Index	ASTM D2270	None	170
Pour Point	ASTM D97	°C	-51

Product Performance Claims

API SN PLUS, SN
ILSAC GF-5
GM dexos1™ Gen 2

GTX Magnatec 0W-20
24 May 2018
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470
Telephone: 1,800.462.0835
www.castrol.com/us Email: contactus@bp.com