



## **CASTROL GTX MAXIMUM PROTECTION AGAINST VISCOSITY AND THERMAL BREAKDOWN™**

**Castrol GTX**, with its unique shear stable viscosity improvers, exceeds demanding U.S. high shear and stay-in-grade requirements for viscosity breakdown protection. Rapid acceleration, sudden stops and high-revving all push your engine to work harder and run hotter. The extreme stress and searing heat generated from this hard driving can shear and volatilize oil, leading to viscosity and thermal breakdown.

### **Features and Benefits:**

- The highest North American standard of protection against viscosity breakdown.
- Advanced anti-wear additives to help extend engine life.
- Superior detergency action to help prevent deposits.

### **Warranty and Protection Requirements**

Castrol GTX exceeds passenger car and light truck manufacturers' warranty requirements for the protection of gasoline and turbocharged engines where API SM, SL, SJ or SH is recommended. GTX grades are formulated to exceed the engine protection requirements of Ford ESE-M2C153-G and F, GM 6085M, Chrysler MS-6395M.

### **Industry Specifications and OEM Approvals by Grade**

- **SAE 5W-20:** is a premium, multi-grade oil, providing cold start protection with Exceptional Fuel Economy. SAE 5W-20 exceeds API service SM, SL, SJ and SH, as well as exceeding ILSAC GF-4/GF-3/GF-2 for API Certified Gasoline Engine Oils. Exceeds Ford specifications WSS M2C153-H and WSS M2C930-A. Exceeds the service fill requirements of Ford, Honda and Chrysler where an SAE 5W-20 motor oil is specified. SAE 5W-20 should only be used in vehicles where SAE 5W-20 is recommended by manufacturer.
- **SAE 5W-30:** is a premium, super multi-grade that provides maximum cold weather engine protection and can help extend engine life. SAE 5W-30 exceeds API Service SM, SL, SJ and SH, as well as exceeding all the requirements of ILSAC GF-4/GF-3/GF-2 for API Certified Gasoline Engine Oils and meets Energy Conserving Standards. Exceeds GM6094M and Ford WSS M2C929-A.
- **SAE 10W-30:** is a premium, super multi-grade that provides fuel economy and can help extend engine life. SAE 10W-30 exceeds API Service SM, SL, SJ and SH as well as exceeding all the requirements of ILSAC GF-4/GF-3/GF-2 for API Certified Gasoline Engine Oils and meets Energy Conserving Standards. Exceeds GM6094M
- **SAE 10W-40:** is a premium, super multigrade that provides maximum protection in all seasons and can help extend engine life. SAE 10W-40 exceeds API service SM, SL, SJ and SH as well as exceeding the engine protection requirements for API Certified Gasoline Engine Oils.
- **SAE 20W-50:** is a premium, super multigrade that guards against wear by providing a superior oil film strength and extreme high temperature strength. 20W-50 exceeds API service SM, SL, SJ and SH. Use SAE 20W-50 when ambient temperature is above 20° F.

## Typical Properties\*

SAE Grade	5W-20    5W-30    10W-30    10W-40    20W-50					
Test	Method	Typical Results				
Viscosity@						
40° C, cst						
100° C, cst	ASTM D-445	9.1	10.8	10.6	14.2	18
210° F, SUS	ASTM D-2161	56.1	62.1	61.4	74.8	90.1
Viscosity Index						
Low Temperature (°C)		6600	6600	7000	7000	9500
Cranking Viscosity, cP max	ASTM D-5293	@ -30	@ -30	@ -25	@ -25	@ -15
Low Temperature (°C)		60000	40000	50000	60000	60000
Pumping Viscosity, cP max	ASTM D-4684	@ -35	@ -35	@ -30	@ -30	@ -20
HT/HS Viscosity, cP min						
Pour Point, °F (°C) max						
Flash Point, COC, °F (°C) min						
Fire Point, COC, °F (°C) min						
Ash % wt						
Calcium % wt						
Zinc % wt						
Phosphorus % wt						
Specific Gravity	ASTM D-1298	0.857	0.857	0.870	0.876	0.883
Pounds Per Gallon		7.14	7.14	7.25	7.30	7.35

\* Due to continual product research and development, the information contained herein is based on products purchased in the U.S subject to change without notification. Typical properties may vary slightly.

## Part Numbers & UPCs

### Harmonization Tariff code:

Grades	5W-20		5W-30		10W-30			10W-40			20W-50	
--------	-------	--	-------	--	--------	--	--	--------	--	--	--------	--

### Packaged Goods

Case Size	12/1 Qt	3/5.5 Qt	12/1 Qt	3/1 Gal	3/5.5 Qt	12/1 Qt	3/1 Gal	3/5.5 Q	12/1 Qt	3/1 Gal	3/5.5 Qt	12/1 Qt	3/1 Gal
Case Part No.	12107	03697	12082	03858	03696	12092	3856	3693	12112	3852	3694	12122	3854
Bottle / Unit UPC	79191-00107-3	79191-00697-9	79191-00082-3	79191-00858-4	79191-00696-2	79191-00092-2	79191-00856-0	79191-00693-1	79191-00112-7	79191-00852-2	79191-00694-8	79191-00122-4	79191-00854-6
Case UPC	79191-12107-8	79191-03697-6	79191-12082-8	79191-03316-6	79191-03696-9	79191-12092-7	79191-03856-7	79191-03693-8	79191-12112-2	79191-03852-9	79191-03694-5	79191-12122-1	79191-03854-3

### Bulk / Drum

Unit Size	55 Gal Drum	Bulk	55 Gal Drum	Bulk	----	55 Gal Drum	Bulk	----	55 Gal Drum	Bulk	----	55 Gal Drum	Bulk
Part No.	55094	0075	0084	0080	----	0094	0090	----	0114	0110	----	0124	0120

**Health & Safety**

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment, return used oil to collection center.

© 2005 BP Lubricants USA Inc. All rights reserved.

**BP Lubricants USA Inc.**

1500 Valley Road

Wayne, NJ 07470

Telephone: 1-800- 462-0835

E-mail: [castrol@idea-factor.com](mailto:castrol@idea-factor.com)

[www.castrol.com/us](http://www.castrol.com/us)

[www.castrol.com/ca](http://www.castrol.com/ca)