



Product Data

GTX 10W-40

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Description

Castrol GTX

Castrol GTX, with its unique shear stability 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 soaring heat generated from this hard driving can shear and volatilize oil, leading to viscosity and thermal breakdown.

Application

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

Conditions of Use

Warranty and Protection Requirements

- Exceeds engine manufacturer's warranty requirements for applications requiring API SN, SM and SL

Characteristics

Industry Specifications and OEM Approvals by Grade

Castrol GTX

Specifications:	5W-20	5W-30	10W-30	10W-40	20W-50
API SN	X	X	X	X	X
SM	X	X	X	X	X
SL	X	X	X	X	X
SJ	X	X	X	X	X
ILSAC GF-5	X	X	X		
ILSAC GF-4	X	X	X		
ILSAC GF-3	X	X	X		
Chrysler MS 6395	X	X			
Ford WSS-M2C153-H	X				
Ford WSS-M2C929-A		X			
Ford WSS-M2C930-A	X				
Ford WSS-M2C945-A	X				
Ford WSS-M2C946-A		X			
GM 6094*		X	X		

* meets performance

Typical Physical Characteristics

**Typical
Properties:
Castrol GTX**

Method	5W-20	5W-30	10W-30	10W-40	20W-50
Viscosity @ 100C, cSt ASTM D445	9.1	10.7	11.3	14.3	18.1
Viscosity @ 210F, SUS ASTM D2161	56.1	61.7	63.9	75.2	90.4
Viscosity @ 40C, cSt ASTM D445	51.8	64.3	75.1	108.3	159.1
Viscosity Index ASTM D2270	158	157	142	133	126
Low temperature (C) Cranking Viscosity, cP max ASTM D5293	6,600 @ -30	6,600 @ -30	7,000 @ -25	7,000 @ -25	9,500 @ -20
Low temperature (C) Pumping Viscosity, cP max ASTM D4684	40,000 @ -35	40,000 @ -35	50,000 @ -30	60,000 @ -30	60,000 @ -25
HT/HS Viscosity, cP min ASTM D4683	2.6	2.9	2.9	2.9	3.7
Pour Point, F (C) max ASTM D97	-44 (-42)	-38 (-39)	-22 (-20)	-27 (-33)	-27 (-33)
Flash Point, PMCC, C min ASTM D93	>200	>200	>200	>200	>200
Density @ 15C, Relative Pounds per Gallon ASTM D4052	0.862	0.862	0.878	0.887	0.884
	7.18	7.18	7.314	7.387	7.264

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

Part Numbers and UPC's:

Packaged Goods

SAE Grades	5W-20	5W-30		10W-30		10W-40	
Case Size	12/1 Qt	12/1 Qt	3/1 Gal	12/1 Qt	3/1 Gal	12/1 Qt	3/1 C
Case Part #	12107	12082	3615	12092	3610	12112	3600
Bottle/Unit UPC	0-79191-00107-3	0-79191-00082-30	79191-00858-40	79191-00092-20	79191-00856-00	79191-00112-70	79191-00112-70-79
Case UPC	0-79191-12107-8	0-79191-12182-80	79191-03316-60	79191-12092-70	79191-03856-70	79191-12112-20	79191-12112-20-79

Bulk/Drum

SAE Grades	5W-20		5W-30		10W-30		10W-40
Unit Size	55 gal drum	Bulk	55 gal drum	Bulk	55 gal drum	Bulk	55 g
Part #		550940075	0084	0080	0094	0090	0114

Recommended Concentrations

Health and 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 at www.castrol.com/us. 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.

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