



PRODUCT DATA

Castrol EDGE with SYNTEC Power Technology – Full Synthetic from the Technology Leader in Motor Oil

Castrol EDGE with SYNTEC Power Technology Maintained maximum horsepower 30% longer than Castrol SYNTEC*.

*5W-30's tested, based on average performances in extreme power tests vs. prior Castrol Syntec. Applies to 5W-30, 10W-30 and 10W-40 grades

Features and Benefits:

Castrol EDGE with SYNTEC Power Technology delivers:

Proprietary Dispersant Molecule - suspends particles, helping the engine to perform at its peak longer by fighting power robbing deposits and continues to provide low volatility to keep the engine running at peak power longer.

Warranty and Protection Requirements:

- Exceeds engine manufacturer's warranty requirements for applications requiring ILSAC GF-5, GF-4 and GF-3 and/or API SN, SM and SL

Industry Specifications and OEM Approvals by Grade:

Specifications:	Edge with SPT							
	0W-20	0W-30	5W-20	5W-30	10W-30	10W-40	5W-40	5W-50
API SN	X		X	X	X	X		X
SM	X		X	X	X	X		X
SL		X	X	X	X	X	X	X
SJ		X	X	X	X	X	X	X
ILSAC GF-5	X		X	X	X			
ILSAC GF-4	X		X	X	X			
ILSAC GF-3	X		X	X	X			
ACEA A1	X		X	X	X			
ACEA A3		X				X	X	
ACEA A5				X	X			
ACEA B1	X		X	X	X			
ACEA B3		X				X	X	
ACEA B4		X				X	X	
ACEA B5				X	X			
Chrysler MS 6395			X	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 6094M*				X	X			
BMW Longlife 01		X						
BMW LongLife 98							X	
GM-LL-A-025		X						
GM-LL-B-025		X						
Mercedes-Benz 229.1		X					X	
Mercedes-Benz 229.3		X					X	
Mercedes-Benz 229.5		X						
Porsche A40							X	
VW 505.00		X					X	
VW 502.00		X					X	

*meets performance

Also meets dexos 1 performance requirements in 5W-20 and 5W-30

dexos 1™ is a trademark of the General Motors Company

Typical Properties:*

	Method	Castrol EDGE with SYNTEC Power Technology		
		0W-20	5W-20	5W-30
Viscosity @ 100C, cSt	ASTM D445	8.65	8.88	10.70
Viscosity @ 210F, SUS	ASTM D2161	54.59	55.37	61.72
Viscosity @ 40C, cSt	ASTM D445	45.08	49.35	62.64
Viscosity Index	ASTM D2270	174	161	159
Low Temperature (C) Cranking Viscosity, cP max.	ASTM D5293	6,200 @ -35	6,600 @ -30	6,600 @ -30
Low Temperature (C) Pumping Viscosity, cP max.	ASTM D4684	60,000 @ -40	40,000 @ -35	40,000 @ -35
HT /HS Viscosity, cP min	ASTM D4683	2.6	2.6	2.9
Pour Point, F (C) max	ASTM D97	-38 (-39)	-38 (-39)	-38 (-39)
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200
Density @ 15C, Relative	ASTM D4052	0.845	0.848	0.856
Pounds per Gallon		7.038	7.063	7.128

	Method	5W-50	10W-30	10W-40
Viscosity @ 100C, cSt	ASTM D445	18.50	11.30	14.60
Viscosity @ 210F, SUS	ASTM D2161	92.18	63.88	76.36
Viscosity @ 40C, cSt	ASTM D445	114.36	75.10	91.89
Viscosity Index	ASTM D2270	170	151	162
Low Temperature (C) Cranking Viscosity, cP max.	ASTM D5293	6,600 @ -30	7,000 @ -25	7,000 @ -25
Low Temperature (C) Pumping Viscosity, cP max.	ASTM D4684	60,000 @ -35	50,000 @ -30	60,000 @ -30
HT /HS Viscosity, cP min	ASTM D4683	3.7	2.9	2.9
Pour Point, F (C) max	ASTM D97	-22 (-30)	-33 (-36)	-27 (-33)
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200
Density @ 15C, Relative	ASTM D4052	0.854	0.858	0.859
Pounds per Gallon		7.111	7.145	7.202

* 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 and UPCs

Packaged Goods

SAE Grade	5W-50	5W-20	5W-30	10W-40	10W-30
Case Size	6/1 Qt	6/1 Qt	6/1 Qt	6/1 Qt	6/1 Qt
Case Part No.	06250	06247	06248	06246	06245
Bottle / Unit UPC	0-79191-26250-4	0-79191-26247-4	0-79191-26248-1	0-79191-26246-7	0-79191-26245-0
Case UPC	0-79191-06250-0	0-79191-06247-0	0-79191-06248-7	0-79191-06246-3	0-79191-06245-6

Bulk/Drum

SAE Grade	5W-50	5W-20	5W-30	0W-20	10W-30
Unit Size	55 Gal Drum	55 Gal Drum	55 Gal Drum	55 Gal Drum	55 Gal Drum
Part No.	55248	55245	55246	0033	55244

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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