



## PRODUCT DATA

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

### 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	X
SL		X	X	X	X	X	X	X
SJ		X	X	X	X	X	X	X
CF		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		
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					X	
Mercedes-Benz 229.1		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	
VW 501 01							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:\*

	Edge with SPT				
	Method	0W-20	0W-30	5W-20	5W-30
Viscosity @ 100C, cSt	ASTM D445	8.65	12.21	8.88	10.70
Viscosity @ 210F, SUS	ASTM D2161	54.59	67.22	55.37	61.72
Viscosity @ 40C, cSt	ASTM D445	45.08	72.0	49.35	62.64
Viscosity Index	ASTM 2270	174	167	161	159
Low Temperature ( C) Cranking Viscosity, cP max.	ASTM 5293	6,200 @ -35	6,200 @ -35	6,600 @ -30	6,600 @ -30
Low Temperature ( C) Pumping Viscosity, cP max.	ASTM 4684	60,000 @ -40	60,000 @ -40	40,000 @ -35	40,000 @ -35
HT /HS Viscosity, cP min	ASTM 4683	2.6	2.9	2.6	2.9
Pour Point, F (C) max	ASTM D97	-38 (-39)	-65 (-54)	-38 (-39)	-38 (-39)
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200	>200
Density @ 15C, Relative	ASTM 4052	0.845	0.839	0.848	0.856
Pounds per Gallon		7.038	6.989	7.063	7.128

	Edge with SPT				
	Method	10W-30	10W-40	5W-40	5W-50
Viscosity @ 100C, cSt	ASTM D445	11.30	14.60	13.9	18.50
Viscosity @ 210F, SUS	ASTM 2161	63.88	76.36	73.6	92.18
Viscosity @ 40C, cSt	ASTM D445	75.10	91.89	82.6	114.36
Viscosity Index	ASTM 2270	151	162	174	170
Low Temperature ( C) Cranking Viscosity, cP max.	ASTM 5293	7,000 @ -25	7,000 @ -25	6,600 @ -30	6,600 @ -30
Low Temperature ( C) Pumping Viscosity, cP max.	ASTM 4684	50,000 @ -30	60,000 @ -30	60,000 @ -35	60,000 @ -35
HT /HS Viscosity, cP min	ASTM 4683	2.9	2.9	2.9	3.7
Pour Point, F (C) max	ASTM D97	-33 (-36)	-27 (-33)	-44 (142)	-22 (-30)
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200	>200
Density @ 15C, Relative	ASTM 4052	0.858	0.859	0.850	0.854
Pounds per Gallon		7.145	7.202	7.076	7.111

\* 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](http://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.

BP Lubricants USA Inc.  
1500 Valley Road  
Wayne, NJ 07470  
Telephone: 1.800.462.0835  
[contactus@bp.com](mailto:contactus@bp.com)

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