



## EDGE

Castrol EDGE

### Description

Castrol EDGE

#### Strength for Maximum Performance

Castrol EDGE, engineered with fluid Titanium, provides superior motor oil strength for engines that work harder due to higher engine pressures, helping your vehicle to maximize performance.

### Application

- **Performance** – Superior performance for the oil change interval recommended in your owner's manual.
- **Power** – Fights 42% more power robbing deposits\*
- **Protection** – Superior engine protection versus conventional and synthetic blend oils\*\*

\* Compared with industry IIG WPD (high temperature deposit) requirements

\*\* Based on ACEA A/B specification

### Advantages

\* Exceeds engine manufacturer's warranty requirements for applications requiring API SN (excludes 0W-30) and/or ILSAC GF-5, GF-4 and GF-3 (excludes 0W-30, 0W-40 A3/B4, 5W-40, 5W-50 and 10W-40).

### Characteristics

Industry Specifications and OEM Approvals by Grade:

Castrol Edge

Specifications:	0W-20	0W-30 A3/B4	0W-40 A3/B4	5W-20	5W-30	10W-30	10W-40	5W-40	5W-50
API SN	X		X	X	X	X	X	X	X
API SM	X		X	X	X	X	X	X	X
API SL	X	X	X	X	X	X	X	X	X
API SJ	X	X	X	X	X	X	X	X	X
API CF		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/B1	X			X	X	X			
ACEA A3/B3		X	X				X		
ACEA A3/B4		X	X				X	X	
ACEA A5/B5					X	X			
BMW Longlife-01		X	X					X	
Chrysler MS-6395				X	X	X			
Meets Fiat 9.55535-G1		X							
Meets Ford WSS-M2C153-H				X					
Meets Ford WSS-M2C929-A					X				
Meets Ford WSS-M2C930-A				X					
Meets Ford WSS-M2C937-A			X						
Meets Ford WSS-M2C945-A				X					
Meets Ford WSS-M2C946-A					X				
GM 4718M				X	X				
GM 6094M				X	X	X			
GM dexos1®*	X			X	X				
GM LL-A-025				X	X				
Honda HTO-06					X				
MB-Approval 229.1									
MB-Approval 229.3		X	X					X	
MB-Approval 229.5		X	X						
Porsche A40			X					X	
PSA B71 2296			X						
VW 501 01								X	
VW 502 00/ 505 00		X	X					X	

\* GM dexos1® supersedes GM-LL-A-025, GM 6094M and GM 4718M

License numbers:

GB1E0425082 (0W-20), GB1C1025082 (5W-20), GB1C1026082 (5W-30)

## Typical Physical Characteristics

### Typical Properties:

#### EDGE

	Method	0W-20	0W-30	0W-40	5W-20	5W-30
Viscosity @ 100C, cSt	ASTM D445	8.65	12.21	13.50	8.88	10.7
Viscosity @ 210F, SUS	ASTM D2161	54.59	67.22	81.21	55.37	61.7
Viscosity @ 40C, cSt	ASTM D445	45.08	72.0	79.31	49.35	62.64
Viscosity Index	ASTM D2270	174	167	169	161	159
Low temperature (C) Cranking Viscosity, cP max	ASTM D5293	6,200 @ -35	6,200 @ -35	6,200 @ -35	6,600 @ -30	6,600 @ -30
Low temperature (C) Pumping Viscosity, cP maX	ASTM D4684	60,000 @ -40	60,000 @ -40	60,000 @ -40	40,000 @ -35	40,000 @ -35
HT/HS Viscosity, cP min	ASTM D4683	2.6	3.5	3.5	2.6	2.9
Pour Point, F (C) max	ASTM D97	-38 (-39)	-65 (-54)	-60 (-53)	-38 (-39)	-38 (-39)
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200	>200	>200
Density @ 15C, Relative	ASTM D4052	0.845	0.839	0.841	0.848	0.856
Pounds per Gallon		7.038	6.989	7.006	7.063	7.128

#### EDGE

	Method	10W-30	10W-40	5W-40	5W-50
Viscosity @ 100C, cSt	ASTM D445	11.3	14.6	13.9	18.5
Viscosity @ 210F, SUS	ASTM D2161	63.88	76.36	73.6	92.18
Viscosity @ 40C, cSt	ASTM D445	75.1	91.9	82.6	114.36
Viscosity Index	ASTM D2270	151	162	174	170
Low temperature (C) Cranking Viscosity, cP max	ASTM D5293	7,000 @ 25	7,000 @ 25	6,600 @ 30	6,600 @ 30
Low temperature (C) Pumping Viscosity, cP maX	ASTM D4684	50,000 @ -30	60,000 @ -30	60,000 @ -35	60,000 @ -35
HT/HS Viscosity, cP min	ASTM D4683	2.9	3.5	3.5	3.7
Pour Point, F (C) max	ASTM D97	-33 (-36)	-27 (-33)	-44 (-42)	-22 (-30)
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200	>200
Density @ 15C, Relative	ASTM D4052	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 subject to change and without notification. Typical properties may vary slightly.

# Concentrations Control

## 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.

EDGE

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