



EDGE Professional

Castrol EDGE Professional

Description

Castrol EDGE Professional

Most advanced range of oils exclusively for OEM new car dealerships

Engine oils need to be able to constantly respond to the ever-changing environments in your engine. Every second of the drive your engine oil needs to be able to react to the needs of different metal-to-metal contact points in your engine each with different demands, pressures and temperatures. Castrol EDGE Professional is engineered in partnership with OEM's to meet the demands of the latest engine technologies and proven in tests to deliver outstanding oil strength.

Castrol supplies the world's leading car manufacturers with oil that have undergone micro-filtration technology to fill engines the first time. This same filtration process is applied to Castrol EDGE Professional. .

Castrol EDGE Professional is endorsed and recommended by our OEM partners: Audi, BMW, Jaguar, Land Rover, Mazda, Mini, Volkswagen and Volvo.

Application

Castrol EDGE Professional features the latest of Castrol technology

- **Performance** – Delivers superior performance fighting deposit, wear and oxidation meeting the toughest industry requirements*
- **Power** – Maximizes engine performance with advanced control over power-robbing deposits**
- **Protection** – Provides superior engine protection against corrosive particles versus conventional and synthetic blend oils*

*Based on ACEA A&B; except 5W-50

**Compared with industry IIIG WPD (high temperature deposit) requirements

Characteristics

Castrol Edge Professional

Specifications	<u>OE 0W-20</u>	<u>5W-20</u>	<u>5W-30</u>	<u>5W-50</u>	<u>10W-30</u>
API SN	X	X	X	X	X
API SM	X	X	X	X	X
API SL	X	X	X	X	X
API SJ	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/B1	X	X	X		X
ACEA A5/B5			X		X
Chrysler MS 6395		X	X		X
Meets Ford WSS-M2C153-H		X			
Meets Ford WSS-M2C929-A			X		
Meets Ford WSS-M2C930-A		X			
Meets Ford WSS-M2C945-A		X			
Meets Ford WSS-M2C946-A			X		
GM 6094		X	X		X
GM 4718M		X	X		
GM dexos1 ®		X	X		
Honda HTO-06			X		

* GM dexos1® supersedes GM-LL-A-025, GM 6094M and GM 4718M License number GB1D0730082 (5W-20), GB1D0505082 (5W-30)

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<u>Specifications:</u>	<u>A3 0W-40</u>	<u>OE 5W-20</u>	<u>OE 5W-30</u>	<u>OE 5W-40</u>
API SN	X			
API SM	X		X	X
API SL	X	X	X	X
API SJ	X	X	X	X
API CF	X		X	X
ILSAC GF-3		X		
ACEA A1/B1		X		
ACEA A3/B3	X			
ACEA A3/B4	X			X
ACEA C3			X	
BMW Longlife-01	X			X
BMW Longlife-04			X	
Meets Ford WSS-M2C925A/B		X		
GM dexos2®			X	
MB-Approval 229.3	X			X
MB-Approval 229.5	X			
MB-Approval 229.51			X	
Porsche A40	X			X
VW 502 00/ 505 01/ 505 00			X	
VW 502 00/ 505 00	X			X

* GM dexos2® supersedes GM-LL-B-025 and GM-LL-A-025
License number GB2C0919082

Typical Physical Characteristics

Castrol EDGE Professional	Method	OE 0W-20	5W-20	5W-30	5W-50	10W-30
Viscosity @ 100C, cSt	ASTM D445	8.70	8.90	10.70	18.50	11.30
Viscosity @ 40C, cSt	ASTM D445	49.35	49.35	62.64	114.36	71.5
Low temperature (C) Cranking Viscosity, cP max	ASTM D5293	6,200 @ -35	-6,600 @ -30	6,600 @ -30	6,600 @ -30	7,000 @ -25
Low temperature (C) Pumping Viscosity, cP max	ASTM D4684	60,000 @ -40	60,000 @ -35	60,000 @ -35	60,000 @ -35	60,000 @ -30
HT/HS Viscosity, cP min	ASTM D4683	2.6	2.6	2.9	3.7	2.9
Pour Point, F (C) max	ASTM D97	-39	-39	-39	-30	-39
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200	>200	>200
Density @ 15C, Relative	ASTM D4052	0.856	0.856	0.856	0.87	0.856
Pounds per Gallon		7.14	7.14	7.14	7.26	7.14

Castrol EDGE Professional	Method	A3 0W-40	OE 5W-20	OE 5W-30	OE 5W-40
Viscosity @ 100C, cSt	ASTM D445	13.50	8.00	12.10	13.90
Viscosity @ 40C, cSt	ASTM D445	79.3	44	71	82.62
Low temperature (C) Cranking Viscosity, cP max	ASTM D5293	6,200 @ -35	6,600 @ -30	6,600 @ -30	6,600 @ -30
Low temperature (C) Pumping Viscosity, cP max	ASTM D4684	60,000 @ -40	60,000 @ -35	60,000 @ -35	60,000 @ -35
HT/HS Viscosity, cP min	ASTM D4683	3.5	2.6	2.9	3.5
Pour Point, F (C) max	ASTM D97	-60	-45	-42	-43
Flash Point, PMCC, C min	ASTM D93	>200	>200	>200	>200
Density @ 15C, Relative	ASTM D4052	0.841	0.85	0.85	0.85
Pounds per Gallon		7.01	7.09	7.09	7.09

Due to continual product research and development, the information contained herein is subject to change without notice. Typical properties may vary slightly.

Concentrations Control

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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14 May 2014

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