



Long Road Racing

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Since 2001

LongRoadRacing.com

Global MX-5 Cup Car Technical Service Bulletin #02-28-17E

REQUIRED: 2017 Global MX-5 Update: Oil viscosity

This TSB describes:

1. The required engine oil is now *either* Castrol Edge 0W-30 Syntec (this product is being phased out by Castrol) or Castrol Edge 5W-30 A3/B4 European formulation

Installation:

- Normal oil change procedure



Product Data

Castrol EDGE 5W-30 A3/B4

Strength for Maximum Performance

Description

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

Advances in engine technology have led to increased power and efficiency, meaning engines work harder and under higher pressures than ever before. The only thing keeping metal engine components apart is the oil, so it needs to be strong and remain strong. Castrol EDGE is our strongest and most advanced range of engine oils. Castrol EDGE, boosted with fluid Titanium technology, doubles its film strength, preventing oil film breakdown and reducing friction.

Castrol EDGE 5W-30 A3/B4 is formulated for highly tuned four cylinder and latest technology engines that operate at higher temperatures. It's exceptional characteristics ensure that all engine components from the valve train to the bearings are fully lubricated to provide the strength for maximum engine performance.

Application

Castrol EDGE 5W-30 A3/B4 is suitable for use in automotive gasoline and diesel engines where the manufacturer recommends an ACEA A3/B3, A3/B4, API SL or earlier specification 5W-30 lubricant. Castrol EDGE 5W-30 A3/B4 is approved and licensed by leading automobile manufacturers. Please refer to the specifications section and your owners manual.

Advantages

Castrol EDGE 5W-30 A3/B4:

- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures
- Maximizes short and long term engine performance
- Improves engine efficiency, independently qualified
- Reduces engine deposits to help maximize engine response

Castrol has been the exclusive partner of BMW since 2000. Castrol has been the only motor oil recommended for BMW over the past 14 years, 2000 - 2014.

Typical Characteristics

Name	Method	Units	Castrol EDGE 5W-30 A3/B4
Density @ 15C, Relative	ASTM D4052	g/ml	0.8533
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	12.1
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6580
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	72
Viscosity Index	ASTM D2270	None	165
Pour Point	ASTM D97	°C	-36
Flash Point, PMCC	ASTM D93	°C	210
Ash, Sulphated	ASTM D874	% wt	1.21

Additional Information

Product Performance Claims:

API SL
ACEA A3/B3; A3/B4
BMW Longlife-01
MB-Approval 229.5
VW 502 00 / 505 00

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Castrol EDGE 5W-30 A3/B4
15 Sep 2014

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