



## Castrol EDGE 5W-30 LL

Boosted with TITANIUM FST™ - Strength for Maximum Performance

### Description

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.

Its **TITANIUM FST™** doubles its film strength, preventing oil film breakdown and reducing friction.

Castrol EDGE with **TITANIUM FST™**: helping your engine perform at its best.

### Application

Castrol EDGE 5W-30 LL is suitable for use in automobile, gasoline and diesel engines where the manufacturer recommends an ACEA C3 specification 5W-30 lubricant.

Castrol EDGE 5W-30 LL is approved for use in vehicles that require a VW 504 00 / 507 00, Porsche C30 or MB-Approval 229.31/229.51 5W-30 lubricant.

### Advantages

Castrol EDGE 5W-30 LL gives you the confidence to demand maximum engine performance from today's latest technology, highly engineered engines that operate with tighter tolerances, requiring a high level of protection and low viscosity oils.

Castrol EDGE 5W-30 LL:

- Maximises short and long term engine performance
- Reduces engine deposits to help maximise engine response
- Sustains maximum performance even when under pressure
- Independently proven to Improve engine efficiency
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures

## Typical Characteristics

Name	Method	Units	Castrol EDGE 5W-30 LL
Density @ 15°C, Relative	ASTM D4052	g/ml	0.851
Viscosity, CCS -30°C (5W)	ASTM D5293	mPa.s (cP)	5700
Viscosity, Kinematic 40°C	ASTM D445	mm <sup>2</sup> /s	66
Viscosity Index	ASTM D2270	None	173
Pour Point	ASTM D97	°C	-39
Flash Point, PMCC	ASTM D93	°C	196
Ash, Sulphated	DIN 51575	% wt	0.75
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	11.6

## Product Performance Claims

ACEA C3  
MB-Approval 229.31/ 229.51  
Porsche C30  
VW 504 00/ 507.00

## 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 LL  
02 Nov 2015  
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW  
Orders/Enquiries: 0845 6008125 Technical Enquiries: 0845 082 1719 BP (Ireland) Ireland Orders/Enquiries: 1850 930 3942 Ireland Technical Enquiries: 1800 509 353  
[www.castrol.com/uk](http://www.castrol.com/uk)