



## Castrol EDGE 5W-30 LL

Fluid TITANIUM - Stronger Under Pressure

### Description

Today's engines continually push the boundaries of technology and engineering. They are smaller and ultra-efficient, without sacrificing performance. Advanced engines challenge the oil with increased pressures. These intense pressures cause friction, which can waste up to 10% of an engine's performance.

Castrol EDGE with patented Fluid TITANIUM transforms its physical structure to be stronger under pressure to keep metal apart and reduces friction for maximum engine performance when you need it most.

Castrol EDGE with Fluid TITANIUM: unlock the true performance of your engine.

### Application

Castrol EDGE 5W-30 LL is an advanced full synthetic engine oil suitable for use in automotive petrol and diesel vehicles where the manufacturer recommends an ACEA C3 lubricant.

Castrol EDGE 5W-30 LL is approved for use in vehicles that require a VW 504 00 / 507 00, BMW Longlife-04, Porsche C30 or MB-Approval 229.31/ 229.51 5W-30 lubricant.

Castrol EDGE 5W-30 LL is approved for use in VW Group vehicles that require a VW 504 00 / 507 00 5W-30 lubricant, including diesel vehicles equipped with a diesel particulate filter.

Castrol EDGE 5W-30 LL is approved by leading manufacturers: Refer to the Product Performance section.

### Advantages

Castrol EDGE 5W-30 LL with Fluid TITANIUM is the natural choice for drivers who demand maximum engine performance from today's modern vehicles requiring a high level of protection and higher performance oils.

Castrol EDGE 5W-30 LL:

- Transforms to be strongest when the pressure is highest, protecting your engine
- Reduces power-robbing friction across engine speeds and conditions
- Independently tested at the highest standards for proven performance
- Recommended by world-leading car manufacturers
- Protects the engine for the entire drain interval even under extreme pressure

## Typical Characteristics

Name	Method	Units	Castrol EDGE 5W-30 LL
Density @ 15C, Relative	ASTM D4052	g/ml	0.85
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	11.9
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	5860
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	69
Viscosity Index	ASTM D2270	None	173
Pour Point	ASTM D97	°C	-45
Flash Point, PMCC	ASTM D93	°C	197
Ash, Sulphated	ASTM D874	% wt	0.77

## Product Performance Claims

ACEA C3  
BMW - Longlife-04  
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.

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