



## EDGE High Mileage 5W-20

Fluid TITANIUM Technology - Strength for Maximum Performance

### Description

As your car ages, its engine can lose performance due to friction and wear. Friction can waste up to 10% of engine performance. Aging parts of the vehicle are prone to costly repairs- catalytic converter failure is one of the most common and expensive problems faced by high mileage engines.

Castrol EDGE High Mileage combines the friction fighting properties of **Fluid TITANIUM** in Castrol EDGE that transforms under pressure, with Phosphorus Replacement Technology that helps prevent catalytic converter failure

Castrol EDGE High Mileage with **Fluid TITANIUM Technology**: unlock the true performance of your high mileage engine.

### Application

Castrol EDGE High Mileage 5W-20 is suitable for use in vehicles where the manufacturer recommends: 5W-20

Exceeds manufacturer's warranty requirements for applications requiring API SN (Resource Conserving) and ILSAC GF-5.

### Advantages

Boosted with Fluid TITANIUM Technology, Castrol EDGE High Mileage helps maximize engine performance and protect engines with over 75K miles. Castrol EDGE High Mileage:

- Transforms under pressure to reduce friction and maximize engine performance
- Helps reduce level of phosphorus to help prevent catalytic converter failures
- Reduces leaks, oil burn-off and deposits
- 6x stronger against wear caused by metal-to-metal contact\*
- Improves oil film strength by 30%\*\*
- Helps improve fuel economy

\* Seq IVA Test vs API SN PLUS Limit

\*\*As tested in the High Frequency Reciprocating Rig Test with and without Fluid Titanium

### Product Performance Claims

ACEA A1/B1

API SN Plus/SN

ILSAC GF5

Meets Ford WSS-M2C930-A/ WSS-M2C945-A

GM dexos1™ Gen 2

## Typical Characteristics

Name	Method	Units	Typical Values
Density @ 15C, Relative	ASTM D4052	g/ml	0.853
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	8.2
Viscosity, CCS -30C	ASTM D5293	mPa.s (cP)	3660
Pour Point	ASTM D97	°C	-42
Titanium, ppm	ASTM D4951	mg/kg (ppm)	23
Viscosity, MRV / Yield Stress -35C (5W)	ASTM D4684	mPa.s (cP)	20000
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	44.5
Viscosity Index	ASTM D2270	None	161
Noack Volatility	ASTM D5800	% wt	10.1
Viscosity, HTHS 150C	ASTM D4683	cP	2.61
Flash Point, PMCC	ASTM D93	°C	225

EDGE High Mileage 5W-20

10 Jan 2020

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.

BP Lubricants USA Inc., 1500 Valley Road, Wayne, NJ 07470

Telephone: 1,800.462.0835

[www.castrol.com/us](http://www.castrol.com/us) Email: [contactus@bp.com](mailto:contactus@bp.com)