



## EDGE 5W-50 U.S.

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 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 full synthetic motor oils. It is engineered with fluid titanium technology to provide superior motor oil strength and help your vehicle to maximize performance.

### Application

Exceeds manufacturer's warranty requirements for applications requiring API SN. Recommended for older and classic car applications.

### Advantages

Castrol EDGE with fluid titanium technology provides superior motor oil strength for engines that work harder due to higher engine pressures, helping you vehicle maximize engine performance.

- \* Reduces metal to metal contact across a range of different driving speeds.
- \* Increased zinc levels for extra engine wear protection
- \* Exceptional protection for classic cars
- \* Castrol EDGE is compatible with all conventional and synthetic oils.

See more as [CastrolEDGEUSA.com](http://CastrolEDGEUSA.com)

### Characteristics

API SN

## Typical Characteristics

Name	Method	Units	EDGE 5W-50 (US)
Density @ 15C, Relative	ASTM D4052	g/ml	0.87
Appearance	Visual	-	Clear & Bright
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	18.4
Pour Point	ASTM D97	°C	-30
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	6100
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	114.36
Viscosity Index	ASTM D2270	None	170
Noack Volatility	ASTM D5800	% Loss	11.5
Viscosity, HTHS 150C	ASTM D4683	cP	4.1
Viscosity, MRV / Yield Stress -35C (5W)	ASTM D4684	mPa.s (cP)	38000

## Additional Information

### Health and Safety

Based on available information, this product is not expected to produce adverse effect 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](http://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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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)