



## GTX Ultraclean 5W-20

Helps extend engine life

### Description

The modern world creates difficult challenges for engines. Poor fuel quality, heat and tough driving conditions can all lead to sludge that potentially shortens engine life. Sludge is a sticky deposit that builds up in an engine's oil-ways and it can prevent the oil from protecting the engine.

Castrol GTX Ultraclean's synthetic blend technology - with its proprietary sludge buster - is our cleanest GTX ever. It's unique Double Action formula cleans away old sludge\*\* and protects against new sludge formation, giving you more control over today's challenging conditions.

Help extend the life of your engine with GTX Ultraclean. Provides superior protection in gasoline direct injection engines (including but not limited to GDI, FSI, SIDI, EcoBoost - check your owner's manual for details).

### Application

Exceeds manufacturer's warranty requirements for applications requiring API SN PLUS/SN and ILSAC GF-5.

### Advantages

Castrol GTX Ultraclean also delivers:

- 50% superior sludge protection compared to tough industry standards\*
- Advanced protection against viscosity and thermal breakdown
- Superior protection against high temperature deposits
- Premium quality base oils and anti-wear additives that help extend the life of your engine

\* 50% cleaner than the industry standard as measured in the Seq. VG Sludge test

\*\* When tested in engines with high level of sludge

## Typical Characteristics

Name	Method	Units	Typical Values
Density @ 15C, Relative	ASTM D4052	g/ml	0.860
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	9.0
Viscosity, CCS -30C (5W)	ASTM D5293	mPa.s (cP)	5400
Viscosity, MRV / Yield Stress -35C (5W)	ASTM D4684	mPa.s (cP)	18000
Noack Volatility	ASTM D5800	% Loss	13.7
Gelation Index	ASTM D5133	-	5.4
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	52.97
Viscosity Index	ASTM D2270	None	150

## Product Performance Claims

API SN Plus/SN  
ILSAC GF-5  
Meets - Ford WSS-M2C945-A

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