



## Trane Formula Xtra

Trane Formula Xtra is an advanced high performance semi-synthetic engine oil specially designed for superior power and engine protection. Trane Formula Xtra is especially engineered for modern gasoline engines using specially selected semi-synthetic base oils to give your engine Extra fuel conservation Extra performance:

- superior overall lubrication and wear protection Extra cleaning power,
- superior power in resisting/preventing deposits and sludge build-up in the engine
- Extra protection against wear and rust with Liquid Armour SS Technology, keeping your engine running at top performance
- Extra resistance against oil aging, maximizing oil change intervals.

**Suitable for Use:** All Gasoline engines especially modern engines (2001 and up) fitted with turbo-charge fuel injection, blow-by gas recirculation and catalytic converter Toyota, Honda, Nissan, Mitsubishi, Isuzu, Ford, Chevrolet, GM Cars using alternate fuel such as gasohol, CNG, LPG, or NGV

**Sizes: 5L, 4L, 1L**

### Specifications:

SAE	10W-30	10W-40
API	SN	SN
ILSAC	GF-5	-

### Technical Information:

No.	TEST ITEMS	UNIT	STANDARD TEST METHOD	SPEC.		SPEC.	
				TRANE FORMULA XTRA		TRANE FORMULA XTRA	
				SAE 10W-30	API SN	SAE 10W-40	API SN
1	DENSITY @ 15 °C	kg/L	ASTM D 4250	0.847 – 0.887		0.845 – 0.885	
2	DENSITY @ 30 °C	kg/L	ASTM D 4250	0.837 – 0.877		0.836 – 0.876	
3	FLASH POINT	°C	ASTM D 92	200 MIN.		200 MIN.	
4	VISCOSITY @ 40 °C	cSt	ASTM D 445	REPORT		REPORT	
5	VISCOSITY @ 100 °C	cSt	ASTM D 445	9.3 – 12.5		12.5 – 16.3	
6	VISCOSITY INDEX	-	ASTM D 2270	130 MIN.		140 MIN.	
7	TOTAL BASE NUMBER	mgKOH/g	ASTM D 2896	5.5 – 10.2		5.5 – 10.2	
8	POUR POINT	°C	ASTM D 6749	- 25 MAX.		- 25 MAX.	
9	CCS VISCOSITY @ -25 °C	mPa.s	ASTM D 5293	7,000 MAX.		7,000 MAX.	