

Certificate of Analysis

PRODUCT NAME: XTeer Gasoline Ultra Protection 5W30			DATE : 2016. 04.12
ITEM	METHOD	SPECIFICATION	RESULT
APPEARANCE (Conc.)	Visual	Report	Clear & Bright
DENSITY (15 °C, kg/m ³)	ASTM D 4052	Report	851.5
VISCOSITY (40 °C, mm ² /s)	ASTM D 445	Report	61.43
VISCOSITY (100°C, mm ² /s)	ASTM D 445	9.3~12.5	10.47
VISOSITY INDEX	ASTM D 2270	Report	160
CCS (-30 °C, mPa·s)	ASTM D 5293	Max. 6600	5266
FLASH POINT(°C,COC)	ASTM D 92	Min. 190	228
POUR POINT(°C)	ASTM D 5950	Max -30.0	-35.0

Hyundai Oilbank certifies the above statement of quality to be true and correct.

Seong-ho Cho
Team Leader of Lubricants Technology Team
Hyundai Oilbank Co., Ltd.

Hyundai Oilbank Co., Ltd.

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Certificate of Analysis

PRODUCT NAME: XTeer Gasoline Ultra Protection 5W40			DATE : 2015.03.30
ITEM	METHOD	SPECIFICATION	RESULT
APPEARANCE (Conc.)	Visual	Report	Clear & Bright
DENSITY (15 °C, kg/m ³)	KS M 2002	Report	853.1
VISCOSITY (40 °C, mm ² /s)	KS M 2014	Report	88.49
VISCOSITY (100°C, mm ² /s)	KS M 2014	12.5 ~ 16.3	14.17
VISOSITY INDEX	KS M 2014	Report	166
CCS (-30 °C, mPa·s)	KS M 2121	Max. 6600	6540
FLASH POINT(°C,COC)	KS M ISO 2592	Min. 195	222
POUR POINT(°C)	KS M 2016	Max -30.0	-35

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PRODUCT NAME: XTeer Gasoline Ultra Protection 10W40			DATE : 2016. 04.29
ITEM	METHOD	SPECIFICATION	RESULT
APPEARANCE (Conc.)	Visual	Report	Clear & Bright
DENSITY (15 °C, kg/m ³)	ASTM D 4052	Report	856.3
VISCOSITY (40 °C, mm ² /s)	ASTM D 445	Report	83.16
VISCOSITY (100°C, mm ² /s)	ASTM D 445	12.5 ~ 16.3	12.89
VISOSITY INDEX	ASTM D 2270	Report	155
CCS (-25 °C, mPa·s)	ASTM D 5293	Max. 7000	4639
FLASH POINT(°C,COC)	ASTM D 92	Min. 195	228
POUR POINT(°C)	ASTM D 5950	Max -25.0	-35.0

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Certificate of Analysis

PRODUCT NAME: XTeer Gasoline Ultra Protection 0W30

DATE : 2016. 12.08

ITEM	METHOD	SPECIFICATION	RESULT
APPEARANCE (Conc.)	Visual	Report	Clear & Bright
DENSITY (15 °C, kg/m ³)	KS M 2002	Report	848.8
VISCOSITY (40 °C, mm ² /s)	KS M ISO 3104	Report	53.92
VISCOSITY (100°C, mm ² /s)	KS M ISO 3104	9.3~12.5	9.85
VISOSITY INDEX	KS M ISO 2909	Report	171
CCS (-30 °C, mPa·s)	KS M 2121	Max. 6200	6057
FLASH POINT(°C,COC)	KS M ISO 2592	Min. 195	228
POUR POINT(°C)	KS M ISO 3016	Max -35.0	-36.0

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