

## Certificate of Analysis

PRODUCT NAME: XTeer TOP PRIME 5W30			DATE : 2016.06.16
ITEM	METHOD	SPECIFICATION	RESULT
APPEARANCE (Conc.)	Visual	Report	Clear & Bright
DENSITY (15°C, kg/m <sup>3</sup> )	KS M 2002	Report	854.5
VISCOSITY (40°C, mm <sup>2</sup> /S)	KS M 2014	Report	68.26
VISCOSITY (100°C, mm <sup>2</sup> /S)	KS M 2014	9.3 ~ 12.5	11.57
VISOSITY INDEX	KS M 2014	Min. 85	165
CCS (-30°C, mPa·s)	KS M 2121	Max. 6600	6420
FLASH POINT(°C,COC)	KS M ISO 2592	Min 190	226
POUR POINT (°C)	KS M 2016	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.

## Certificate of Analysis

PRODUCT NAME: XTeer TOP PRIME 5W40			DATE : 2016.06.15
ITEM	METHOD	SPECIFICATION	RESULT
APPEARANCE (Conc.)	Visual	Report	Clear & Bright
DENSITY (15°C, kg/m <sup>3</sup> )	KS M 2002	Report	854.5
VISCOSITY (40°C, mm <sup>2</sup> /S)	KS M 2014	Report	82.06
VISCOSITY (100°C, mm <sup>2</sup> /S)	KS M 2014	12.5 ~ 16.3	13.67
VISOSITY INDEX	KS M 2014	Report	171
CCS (-30°C, mPa·s)	KS M 2121	Max. 6600	6017
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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