



GOLDEN BOOSTER

For more information and technical assistance contact:

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Certification of Analysis

Product	GOLDEN BOOSTER RED 5W-30 SP
Date	25.11.11
Lot No.	251111-01

Test Item	Test Method	Spec.	Results	Inspection Equipment
Appearance	Visual	Clear & Bright	Clear & Bright	Appearance
Density(15°C), kg/m ³	KS M ISO 2002	0.840 ~ 0.860	0.85	Densimeter
Kinematic Viscosity(100°C), mm ² /s	KS M ISO 3104	9.3 ~12.5	11.5	Kinematic Viscosity
Viscosity Index	KS M ISO 2909	85 min.	156	Viscosity Index
Flash Point, °C	KS M ISO 2592	190 min.	226	Flash Point
Apparent Viscosity(-30°C), Pa.S	KS M 2450	6.6 max.	3.9	Apparent Viscosity
Pour Point, °C	KS M ISO 3016	-30 max.	-42	Pour Point
Oxidation Stability (165.5°C, 24hr)				
↳ Viscosity Change Ratio	KS M 2021	1.5 max.	0.99	Oxidation Stability
↳ TAN Change (mgKOH/g)		1.6 max.	< 0.01	Oxidation Stability
↳ Lacquer		Thin	Nil	Visual
N.B	WORLD OIL KOREA CO., LTD.  JAE YOUNG HWANG / CEO			

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Written by: Hyunsik Kim