



C&Lube Co., Ltd. since 1995
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Special Lubricants
Custom Made Oils & Greases

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Certification of Analysis

Customer	INDIVIDUAL ENTREPRENUER	Date	15-Jul-22
Product	Black Eagle Semi-Synthetic 5W30 API CG-4	Lot. No.	22071325

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density(15°C), kg/m³		ASTM D 287	Report	859.3
Kinematic Viscosity (100°C), mm²/s		ASTM D 445	9.3 ~ 12.5	10.40
Viscosity Index		ASTM D 2270	85 min.	156
Apparent Viscosity (-30°C), Pa.S		ASTM D 5293	6.6 max.	5.20
Flash Point, °C		ASTM D 92	200 min.	234
Pour Point, °C		ASTM D 97	-30 max.	-39
Total Base Number, mgKOH/g		ASTM D 2896	-	12.4
Oxidation Stability (165.5°C, 24hr)	Viscosity Change Ratio	JIS K 2514	1.5 max.	0.98
	TAN Change ,mgKOH/g		1.6 max.	0.45
	Lacquer		Thin	Nil

This data is for your reference and it can't be used for any legal purpose.

Research & Development Center

Manager J. H. Lee

