C&Lube Co., Ltd. since 1995
tel.82-52-239-5189 fax.82-52-239-5105

Special Lubricants
Custom Made Oils & Greases

182, Hwasan-ro, Onsan-up, UlJu-kun, Ulsan, KOREA 45009
www.cnlube.co.kr, e-mail : adm@cnlube.co.kr

Certification of Analysis

Customer INDIVIDUAL ENTREPRENUER **D a t e** 3-Sep-22

Product Black Eagle Semi-Synthetic 5W30 API CI-4 **Lot. No.** 22090224

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density(15℃), kg/㎥		ASTM D 287	Report	855.9
Kinematic Viscosity (100℃), ㎟/s		ASTM D 445	9.3 ~ 12.5	10.59
Viscosity Index		ASTM D 2270	85 min.	164
Apparent Viscosity (-25℃), Pa.S		ASTM D 5293	6.6 max.	4.30
Flash Point, ℃		ASTM D 92	200 min.	224
Pour Point, ℃		ASTM D 97	-30 max.	-42
Total Base Number, ㎎KOH/g		ASTM D 2896	-	12.6
Oxidation Stability (165.5℃, 24hr)	Viscosity Change Ratio	JIS K 2514	1.5 max.	0.98
	TAN Change ,㎎KOH/g		1.6 max.	0.43
	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