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** **D a t e** **21-Jun-22**

Product **Black Eagle Diesel 100% Semi Synthetic 15W40 API CI-4** **Lot. No.** **22062023**

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density(15℃), kg/㎥		ASTM D 287	Report	861.7
Kinematic Viscosity (100℃), ㎟/s		ASTM D 445	12.5 ~ 16.3	14.83
Viscosity Index		ASTM D 2270	85 min.	158
Apparent Viscosity (-20℃), Pa.S		ASTM D 5293	7.0 max.	5.35
Flash Point, ℃		ASTM D 92	195 min.	224
Pour Point, ℃		ASTM D 97	-24 max.	-36
Total Base Number, ㎎KOH/g		ASTM D 2896	-	14.7
Oxidation Stability (165.5℃, 24hr)	Viscosity Change Ratio	JIS K 2514	1.5 max.	1.00
	TAN Change ,㎎KOH/g		1.6 max.	0.51
	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**