



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

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**Certification Of Analysis**

**Customer**      **CnLube Vietnam Lubricants JSC**      **Date**      **1-Sep-20**  
**Product**      **C&L BLACK EAGLE 20W50 CF-4**      **Lot. No.**      **20083127**

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density(15°C), kg/m <sup>3</sup>		ASTM D 287	Report	880.0
Kinematic Viscosity(100°C), mm <sup>2</sup> /s		ASTM D 445	16.3 ~ 21.9	19.59
Viscosity Index		ASTM D 2270	85 min.	128
Apparent Viscosity (-15°C), Pa · s		ASTM D 5293	9.50 max.	6
Flash Point, °C		ASTM D 92	200 min.	256
Pour Point, °C		ASTM D 97	-24 max.	-24
Oxidation Stability (165.5°C, 24hr)	Viscosity Change Ratio	JIS K 2514	1.5 max.	1.00
	TAN Change ,mgKOH/g		1.6 max.	0.54
	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**

