



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

182, Hwasan-ro, Onsan-eup, UIJu-gun, Ulsan, KOREA 45009  
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**Certification of Analysis**

**Customer**    **CnLube Vietnam Lubricants JSC**                      **Date**            **30-Jan-21**  
**Product**     **C&L POWER EAGLE 15W40 CI-4**                      **Lot. No.**        **21012825**

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density(15°C), kg/m <sup>3</sup>		ASTM D 287	Report	875.8
Kinematic Viscosity (100°C), mm <sup>2</sup> /s		ASTM D 445	12.5 ~ 16.3	14.68
Viscosity Index		ASTM D 2270	85 min.	135
Apparent Viscosity (-20°C), Pa.S		ASTM D 5293	7.0 max.	5.65
Flash Point, °C		ASTM D 92	195 min.	226
Pour Point, °C		ASTM D 97	-24 max.	-33
Total Base Number, mgKOH/g		ASTM D 2896	-	10.10
Oxidation Stability (165.5°C, 24hr)	Viscosity Change Ratio	JIS K 2514	1.5 max.	1.00
	TAN Change ,mgKOH/g		1.6 max.	0.46
	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**

