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-eup, UlJu-gun, Ulsan, KOREA 45009
www.cnlube.co.kr, e-mail : adm@cnlube.co.kr

Certification Of Analysis

Customer INDIVIDUAL ENTREPRENUER **D a t e** 22-Sep-22
Product EAGLE ROYAL MP 32 **Lot. No.** 22092126

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density kg/㎥(15℃)		ASTM D 287	Report	855.2
Kinematic Viscosity(40℃), ㎟/s		ASTM D 445	28.8 ~ 35.2	32.48
Viscosity Index		ASTM D 2270	90 min.	114
Flash Point (Open cup method, ℃)		ASTM D 92	170 min.	230
Pour Point, ℃		ASTM D 97	-24 max.	- 39
Water Content (mg/kg)		ASTM D 1744	500 min	50
Copper Corrosion (100℃, 3h)		ASTM D 130	1 max	1a
Rust Preventive Charcdteristies (DW, 24H)		ASTM D 3427	No Rust	No Rust
Water Separation (min)		ASTM D 1401	30 min	15
Foaming Charcdteristies, ㎖	Sequence Ⅰ	ASTM D 892	65 / 0	10 / 0
	Sequence Ⅱ	ASTM D 892	65 / 0	20 / 0
	Sequence Ⅲ	ASTM D 892	65 / 0	10 / 0

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

Research & Development Center
Manager J. H. Lee

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New Technology Resources

Special Lubricants Oil & Grease

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Certification Of Analysis

Customer **INDIVIDUAL ENTREPRENUER** **Date** **30-Apr-22**

Product **EAGLE ROYAL MP 46** **Lot. No.** **22042826**

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density (15℃), kg/㎥		ASTM D 287	Report	863.8
Kinematic Viscosity, ㎟/s, (40℃)		ASTM D 445	41.4-50.6	46.06
Viscosity Index		ASTM D 2270	Min. 90	106
Flash Point, ℃		ASTM D 92	Min. 170	242
Pour Point, ℃		ASTM D 97	Max. -24	-33
Copper corrosion (100℃, 3h)		ASTM D 130	Max. 1	1a
Water Content (㎎/kg)		ASTM D 1744	Min. 500	80
Rust Preventive Characteristics (DW, 24h)		ASTM D 3427	No Rust	None
Water Separation (min)		ASTM D 1401	Max. 30	15
Foaming Characteristics, ml	Sequence I	ASTM D 892	60/0	0/0
	Sequence II		60/0	10/0
	Sequence III		60/0	0/0

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Certification Of Analysis

Customer INDIVIDUAL ENTREPRENUER **D a t e** 11-Aug-22

Product EAGLE ROYAL MP 68 **Lot. No.** 22081022

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density kg/㎥(15℃)		D 287	Report	862.1
Kinematic Viscosity(40℃), ㎟/s		ASTM D 445	61.2 ~ 74.8	66.96
Viscosity Index		ASTM D 2270	90 min.	116
Flash Point (Open cup method, ℃)		ASTM D 92	200 min.	240
Pour Point, ℃		ASTM D 97	-21 max.	-30
Water Content (mg/kg)		ASTM D 1744	500 min	50
Copper Corrosion (100℃, 3h)		ASTM D 130	1 max	1a
Rust Preventive Charcdteristies (DW, 24H)		ASTM D 3427	No Rust	Pass
Water Separation (min)		ASTM D 1401	30 min	14
Foaming Charcdteristies, ㎖	Sequence Ⅰ	ASTM D 892	65 / 0	10 / 0
	Sequence Ⅱ	ASTM D 892	65 / 0	20 / 0
	Sequence Ⅲ	ASTM D 892	65 / 0	10 / 0

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Research & Development Center
Manager J. H. Lee