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New Technology Resources
Special Lubricants Oil & Grease

182, Hwasan-ro, Onsan-eup, Ulju-gun, Ulsan, KOREA 45009

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Certification Of Analysis

Customer	INDIVIDUAL ENTREPRENUER	Date	29-Sep-22
Product	EAGLE ROYAL HVI 46	Lot. No.	22082827

Test Item	Test Method	Spec.	Results
Appearance	Visual	Clear & Bright	C & B
Density (15 °C), kg/m ³	ASTM D 287	Report	844.7
Kinematic Viscosity, mm ² /s, (40 °C)	ASTM D 445	41.4-50.6	48.81
Viscosity Index	ASTM D 2270	Min. 90	177
Flash Point, °C	ASTM D 92	Min. 170	246
Pour Point, °C	ASTM D 97	Max. -24	-42
Copper corrosion (100 °C, 3h)	ASTM D 130	Max. 1	1a
Water Content (mg/kg)	ASTM D 1744	Min. 500	60
Rust Preventive Characteristics (DW, 24h)	ASTM D 3427	No Rust	None
Water Separation (min)	ASTM D 1401	Max. 30	16
Foaming Characteristics, ml	Sequence I	ASTM D 892	60/0
	Sequence II		60/0
	Sequence III		60/0

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

Research & Development Center

Manager J. H. Lee





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

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Certification Of Analysis

Customer **INDIVIDUAL ENTREPRENUER**

Date **5-Jul-22**

Product **EAGLE ROYAL HVI 32**

Lot. No. **22070429**

Test Item		Test Method	Spec.	Results
Appearance		Visual	Clear & Bright	C & B
Density kg/m ³ (15°C)		ASTM D 287	Report	841.7
Kinematic Viscosity(40°C), mm ² /s		ASTM D 445	28.8 ~ 35.2	32.39
Viscosity Index		ASTM D 2270	90 min.	181
Flash Point (Open cup method, °C)		ASTM D 92	170 min.	220
Pour Point, °C		ASTM D 97	-24 max.	- 42
Water Content (mg/kg)		ASTM D 1744	500 min	50
Copper Corrosion (100 °C, 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, ml	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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