

## **OIL ANALYSIS REPORT**



### Machine Id KHS L4 RINSER 1

Gearbox Fluid KLUBER KLUBEROIL 4 UH1-460 N (--- GAL)

#### DIAGNOSIS

#### Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

#### Wear

All component wear rates are normal.

#### Contamination

The water content is negligible. There is no indication of any contamination in the oil.

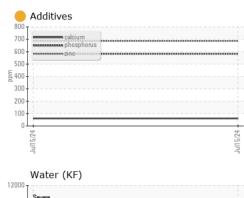
#### Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

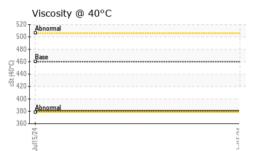
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0954009		
Sample Date		Client Info		15 Jul 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	27		
Chromium	ppm	ASTM D5185(m)	>15	2		
Nickel	ppm	ASTM D5185(m)	>15	2		
Titanium	ppm	ASTM D5185(m)		<1		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	26		
Lead	ppm	ASTM D5185(m)	>100	2		
Copper	ppm	ASTM D5185(m)	>200	13		
Tin	ppm	ASTM D5185(m)	>25	<1		
Antimony	ppm	ASTM D5185(m)	>5	<1		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		2		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		<1		
Calcium	ppm	ASTM D5185(m)		61		
Phosphorus	ppm	ASTM D5185(m)		583		
Zinc	ppm	ASTM D5185(m)		685		
Sulfur	ppm	ASTM D5185(m)		757		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	31		
Sodium	ppm	ASTM D5185(m)		85		
Potassium	ppm	ASTM D5185(m)	>20	27		
Water	%	ASTM D6304*	>0.2	0.020		
ppm Water	ppm	ASTM D6304*	>2000	200		



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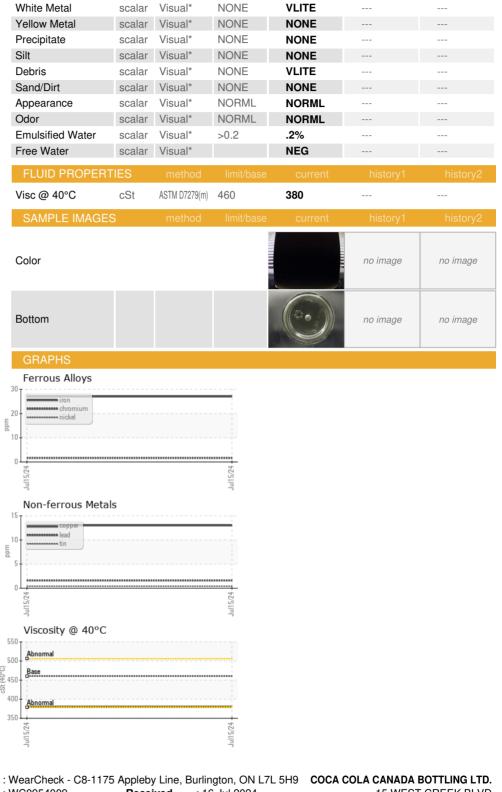


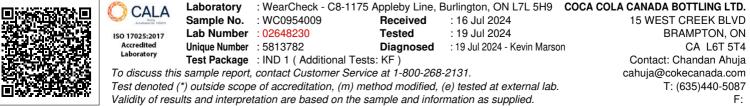




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