

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KALMAR 5605

Component Rear Axle Fluid {not provided} (--- GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

🔺 Wear

Gear wear is indicated. All component wear rates are normal.

Contamination

The water content is negligible. No other contaminants were detected in the oil.

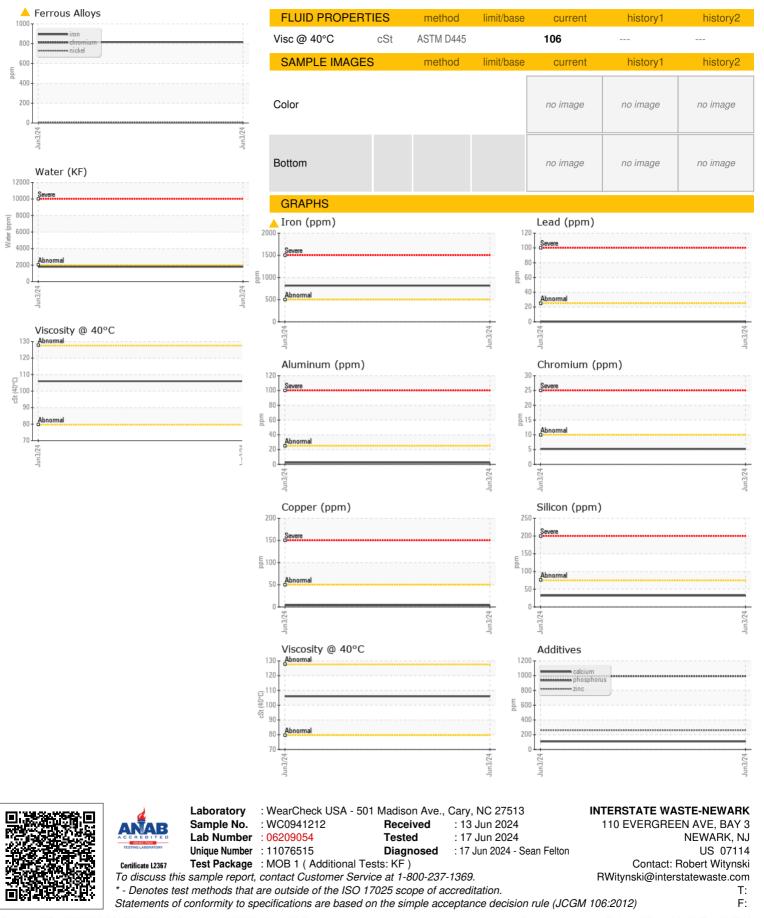
Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0941212		
Sample Date		Client Info		03 Jun 2024		
Machine Age	hrs	Client Info		25284		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	A 816		
Chromium	ppm	ASTM D5185m	>10	5		
Nickel	ppm	ASTM D5185m	>10	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>25	= <1		
Copper	ppm	ASTM D5185m	>50	4		
Tin	ppm	ASTM D5185m	>10	1		
Vanadium		ASTM D5185m	~10	0		
Cadmium	ppm ppm	ASTM D5185m		۰ ۱		
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ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		33		
Barium	ppm	ASTM D5185m		0		
Volybdenum	ppm	ASTM D5185m		8		
Vanganese	ppm	ASTM D5185m		33		
Magnesium	ppm	ASTM D5185m		7		
Calcium	ppm	ASTM D5185m		109		
Phosphorus	ppm	ASTM D5185m		993		
Zinc	ppm	ASTM D5185m		261		
Sulfur	ppm	ASTM D5185m		26808		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	32		
Sodium	ppm	ASTM D5185m		5		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304		_ 0.179		
opm Water	ppm	ASTM D6304		1790		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	HAZY		
Odor	scalar	*Visual	NORML	NORML		
5401	Scaldi	visual	NORM	NORML		
	ooclar	*\/ioural	.00	0.00/		
Emulsified Water Free Water	scalar scalar	*Visual *Visual	>0.2	0.2% NEG		



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Contact/Location: Robert Witynski - INT110NEW