

OIL ANALYSIS REPORT

Sample Rating Trend







Machine Id 0042-F1 Component Hoisting Gearbox Fluid SAE 80 (--- GAL)

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Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

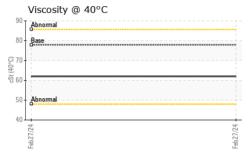
Fluid Condition

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

				Feb2024		
SAMPLE INFORM	MOITAN	method	limit/base	current	history1	history2
Sample Number		Client Info		DC0033330		
Sample Date		Client Info		27 Feb 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	J	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	8		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m		4		
Lead	ppm	ASTM D5185m		2		
Copper	ppm	ASTM D5185m		41		
Tin	ppm	ASTM D5185m		1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		111		
Barium	ppm	ASTM D5185m		3		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		11		
Calcium	ppm	ASTM D5185m		3817		
Phosphorus	ppm	ASTM D5185m		1225		
Zinc	ppm	ASTM D5185m		1557		
Sulfur	ppm	ASTM D5185m		10212		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		11		
Sodium	ppm	ASTM D5185m		13		
Potassium	ppm	ASTM D5185m	>20	4		
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	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		



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Certificate 12367

Laboratory

Sample No. : DC0033330 Lab Number : 06149120

Unique Number : 10979198 Test Package : MOB 1

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 15 Apr 2024 : 16 Apr 2024 Tested Diagnosed : 17 Apr 2024 - Sean Felton

11089 LEADBETTER ROAD ASHLAND, VA US 23005

CRANEWORKS INC - MID-ATLANTIC

Contact: JASON WILDE

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To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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