

OIL ANALYSIS REPORT

Area **ELGIN** NOT GIVEN PCA0125338 (S/N NO INFO ON SIF/BOTTLE) **Hydraulic System**

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

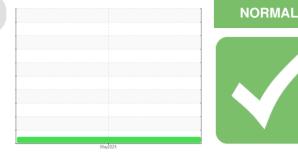
All component wear rates are normal.

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.



Sample Rating Trend



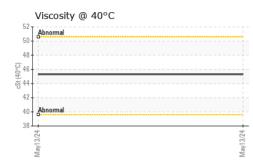
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0125338		
Sample Date		Client Info		13 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	11		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	0		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>20	4		
Tin	ppm	ASTM D5185m	>20	1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		10		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		90		
Phosphorus	ppm	ASTM D5185m		462		
Zinc	ppm	ASTM D5185m		7		
Sulfur	ppm	ASTM D5185m		2074		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
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	NODM		
Appearance	304141	VISUAI		NORML		
Odor	scalar	*Visual	NORML	NORML		

Report Id: ELGPIN [WUSCAR] 06178022 (Generated: 05/14/2024 15:37:56) Rev: 1

Contact/Location: STEVE METCALF - ELGPIN



OIL ANALYSIS REPORT



FLUID PRO	PERTIES method	limit/base	current	history1	history
Visc @ 40°C	cSt ASTM D445		45.3		
SAMPLE IM	AGES method	limit/base	current	history1	history
Color			no image	no image	no image
Bottom			no image	no image	no image
GRAPHS					
Ferrous Alloys					
9 - iron 9 - iron					
8					
£ 5					
3-					
1					
124		124			
May13/24		May13/24			
Non-ferrous M	etals				
9 - copper					
8 - tin					
6-					
E 5 4					
3-					
2					
0		4			
May13/24		May13/24			
≥ Viscosity @ 40	°C	2			
Abnormal					
50					
48 -					
() ₀ 46 -					
중 44					
42 -					
40 - Abnormal					
3874		3/24			
May13/24		May13/24			
: WearCheck USA - : PCA0125338	501 Madison Ave., Cary Received : 13	y, NC 27513 3 May 2024			GIN DIE MC D2 PRAIRIE
: 06178022	Tested : 14	4 May 2024			EE GROVE
: 11029348 : IND 1	Diagnosed : 14	1 May 2024 - W	les Davis	Contact: STI	US 60 ⁻
	ervice at 1-800-237-136	9			indiemold.c

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

> F: Contact/Location: STEVE METCALF - ELGPIN

Certificate L2367

T:

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