

OIL ANALYSIS REPORT



Machine Id

947754 Component Hydraulic System Fluid {not provided} (--- GAL)

{not provided} (---

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please note that this is a corrected copy for requested laboratory data for water content.

Wear

All component wear rates are normal.

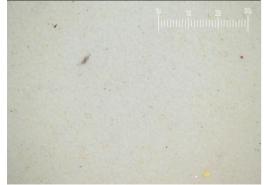
Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

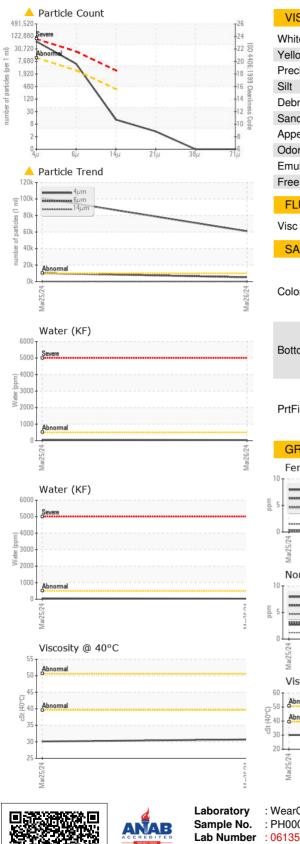
Particle Filter (Magn: 200 x)



Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m <1 <1 Molybdenum ppm ASTM D5185m <1 <1 Manganese ppm ASTM D5185m <1 <1 Magnesium ppm ASTM D5185m <1 <1 Calcium ppm ASTM D5185m 7 7 Calcium ppm ASTM D5185m 11 10 Zinc ppm ASTM D5185m 1624 1709 Sulfur ppm ASTM D5185m 1624 1709 Solicon ppm ASTM D5185m 0 <1 Solicon ppm ASTM D5185m 0 <1 Solicon ppm ASTM D5185m <0 <1 Solicon ppm ASTM D5185m <0 <1	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date Client Info 26 Mar 2024 25 Mar 2024 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Changed Client Info Filtered Filtered Sample Status Image Client Info Filtered ABNORMAL ABNORMAL WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM 05185m >20 2 2 Nickel ppm ASTM 05185m >20 2 2 Auminum ppm ASTM 05185m 20 3 3 Lead ppm ASTM 05185m 20 3 3 Vanadium ppm ASTM 05185m 20 1 1 Adaminum ppm ASTM 05185m 20 1	Sample Number		Client Info		PH0000301	PH0000322	
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Oil Cleanliness ISO 4406 (c) >20/18/15 ▲ 23/20/11 ▲ 24/21/10 FLUID DEGRADATION method limit/base current history1 history2				>4	0	0	
	-						
Acid Number (AN) mg KOH/g ASTM D8045 0.151 0.11	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/a			0.151		



OIL ANALYSIS REPORT



	VISUAL		method	limit/base	current	history1	histo
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
	Precipitate	scalar	*Visual	NONE	NONE	NONE	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	
	Free Water	scalar	*Visual		NEG	NEG	
	FLUID PROPER	TIES	method	limit/base	current	history1	hist
	Visc @ 40°C	cSt	ASTM D445		30.7	30.1	
	SAMPLE IMAGE	S	method	limit/base	current	history1	histo
	Color				a	a	no ima
	Dattom						
	Bottom					Cherson	no im
	PrtFilter						no im
	GRAPHS						
	GRAPHS Ferrous Alloys						
	Ferrous Alloys			Pa	rticle Filter (M	lagn: 200 x)	
	Ferrous Alloys			Pa	rticle Filter (M	. Оџ	100 200
	Ferrous Alloys				rticle Filter (M	. Оџ	100 200 11 11 11 11 1 11
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	Ferrous Alloys				rticle Filter (M	. Оџ	10, 20, 11 11 11 11 11
	Ferrous Alloys				rticle Filter (M	. Оџ	100 200 11 11111111 11
	Ferrous Alloys				rticle Filter (M	. Оџ	100 200 11 1 1 1 1 1
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	Ferrous Alloys				rticle Filter (M	. Оџ	100 200 11 1 1 1 1 1 1 1 1 1
	Ferrous Alloys			Mar26/24	rticle Filter (M	. Оџ	400 200 11 11 11 11
	Ferrous Alloys			Mar26/24	rticle Filter (M	. Оџ	10 20 11 11 11 11 11
	Ferrous Alloys	als				. Оџ	
	Ferrous Alloys	als		Ma26/24		. Оџ	
	Ferrous Alloys	als		Ma26/24		. Оџ	
	Ferrous Alloys	als		Ma26/24		. Оџ	10 20 11 11 11 11 11 11 11 11 11 11 11 11 11
	Ferrous Alloys	als		Ma26/24		. Оџ	
	Ferrous Alloys	als		Mar26/24 Mar226/24 Mar226/24 Mar226/24 00.0	Acid Number	. Оџ	
	Ferrous Alloys	als		Ma26/24		. Оџ	
	Ferrous Alloys	als		Mar26/24 Mar226/24 Mar226/24 Mar226/24 00.0	Acid Number	. Оџ	
100-100 P	Ferrous Alloys			Ma26/24 Acid Number (mg K0H/g) 0000 Acid Number (mg K0H/g)	Acid Number		
IN A REAL PARTY OF	Ferrous Alloys		on Ave., Cary	+2/92/2mW +2/92/2mW +2/92/2mW +2/92/2mW +2/92/2mW +2/92/2mW +2/92/2mW +2/92/2mW +2/92/2mW +2/92/2mW	Acid Number		EERING
to a standard	Ferrous Alloys	als 01 Madisc	on Ave., Cary ived : 01	42/92/24 42/92/24 42/92/24 42/92/24 4/10/02/20 4/	Acid Number		EERING LOT KNO
10-10-10-10-10-10-10-10-10-10-10-10-10-1	Ferrous Alloys	01 Madiso Rece Teste Diagr	on Ave., Cary ived : 01 ed : 10 nosed : 10	42/92/24 42/92/24 42/92/24 42/92/24 4/0,0.20 4/0,0.00 4/0,0.	Acid Number	LTECH ENGINE 2515 PI	EERING LOT KNO HEIGHT US

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.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate 12367

Contact/Location: JAKE ANDERSON - ALLMEN

F:

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