

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id **TOTE 13 RT** Component Hydraulic System PROSTINE HF 46 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Fluid Condition

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

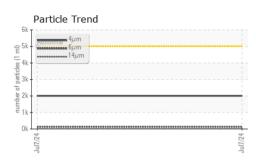
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0905650		
Sample Date		Client Info		07 Jul 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>20	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>20	2		
Lead	ppm	ASTM D5185m	>20	_ <1		
Copper	ppm	ASTM D5185m	>20	3		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		215		
Zinc	ppm	ASTM D5185m		249		
Sulfur	ppm	ASTM D5185m		690		
	ppin					
CONTAMINANTS			limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m ASTM D5185m		<1		
Sodium Potassium	ppm	ASTM D5185m	>20	0 <1		
FLUID CLEANLINE	ppm				historyd	
	200	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	2008		
Particles >6µm		ASTM D7647	>1300	132		
Particles >14µm		ASTM D7647	>160	15		
Particles >21µm		ASTM D7647		4		
Particles >38µm		ASTM D7647	>10	0		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/14/11		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.29		
:37:59) Rev: 1				Contact/Locati	on: MIKE TODD	- ALLMONSAF

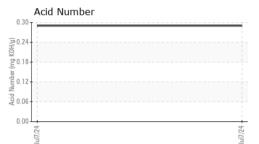
Report Id: ALLMONSAF [WUSCAR] 06235901 (Generated: 07/16/2024 15:37:59) Rev: 1

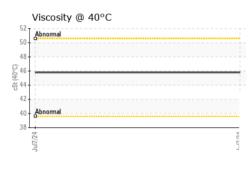
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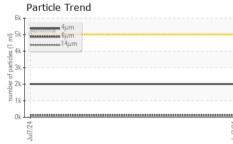


OIL ANALYSIS REPORT









White Metal Yellow Metal	scalar	*Visual				
		visual	NONE	NONE		
	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		>0.05	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		45.8		
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
					Ŭ	
GRAPHS						
				Particle Coun	t	
¹⁰			491,520	^D T		T ²
o tanana chromium			122,880			-2
			20.720	Severe		-2
2						T2
0				Abnormal		-2
-2/LIn			2/Lin 1,920			+1
			cles (p			
	ls		₩ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1
copper			120			-1
ä 4.						
2				8-		
/24 L 0			1/24	2-		-8
Jul7,						
Viscosity @ 40°C			Ĺ	4μ 6μ	14µ 21µ	38µ 71µ
55 T			<u> </u>			
50			HOX 0.24	•		
»0€ 45 -			ຍັ 0.18	3 -		
경 40 - <mark>Abnormal</mark>			- 0.12	2		
7/24			- 1/24			
Jul			Jul	Juli		
: WC0905650 : <mark>06235901</mark>	Recei Teste	ived :18 d :10	5 Jul 2024 5 Jul 2024			ONDITIONI 0 ALLOY W MONROE, I US 281
	Emulsified Water Free Water FLUID PROPER Visc @ 40°C SAMPLE IMAGE Color Bottom GRAPHS Ferrous Alloys 10 10 10 10 10 10 10 10 10 10	Emulsified Water scalar Free Water scalar FLUID PROPERTIES Visc @ 40°C cSt SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys 10 10 10 10 10 10 10 10 10 10	Emulsified Water scalar *Visual Free Water scalar *Visual FLUID PROPERTIES method Visc @ 40°C cSt ASTM D445 SAMPLE IMAGES method Color Bottom GRAPHS Ferrous Alloys 10 0 0 0 0 0 0 0 0 0 0 0 0 0	Emulsified Water scalar *Visual >0.05 Free Water scalar *Visual FLUID PROPERTIES method imit/base Visc @ 40°C cSt ASTM D445 SAMPLE IMAGES method imit/base Color Bottom GRAPHS Ferrous Alloys viscosity @ 40°C viscosity @	Emulsified Water scalar *Visual >0.05 NEG Free Water scalar *Visual NEG FLUID PROPERTIES method imit/base current Visc @ 40°C cSt ASTM D445 45.8 SAMPLE IMAGES method imit/base current Color Bottom Particle Count Ferrous Alloys Particle Count 000 000 000 000 000 000 000 0	Emulsified Water scalar Visual >0.05 NEG Free Water scalar Visual NEG FLUID PROPERTIES method imit/base current history1 Visc @ 40°C cSt ASTM D445 45.8 SAMPLE IMAGES method imit/base current history1 Color no image Bottom Particle Count no image GRAPHS Ferrous Alloys Particle Count



Test Package : IND 2 Certificate L2367 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)

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