

OIL ANALYSIS REPORT

Sample Rating Trend



Fluid {not provided} (--- GAL)

Component Hydraulic System

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Machine Id

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 INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0864862		
Sample Date		Client Info		20 Mar 2024		
Machine Age	hrs	Client Info		250		
Oil Age	hrs	Client Info		250		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
	NI	and the set	11.0011/000000	-	In the transmitter	history O
CONTAMINATIO	N	method WC Method	limit/base	current	history1	history2
Water				NEG		
WEAR METALS		method	limit/base		history1	history2
Iron	ppm	ASTM D5185m	>20	<1		
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	>10	2		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	4		
Tin	ppm	ASTM D5185m	>10	<1		
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		7		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		177		
Phosphorus	ppm	ASTM D5185m		725		
Zinc	ppm	ASTM D5185m		951		
Sulfur	ppm	ASTM D5185m		1791		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	1		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	2		
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		
	scalar	*Visual	>0.1	NEG		
Emilisitien water						
Emulsified Water Free Water	scalar	*Visual	7 011	NEG		





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FLUID PROPER	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt A	STM D445		39.6		
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Iron (ppm)			20	Lead (ppm)		
Severe			30	Severe		
				•		
				Abnormal		
10-			5			
0 24 0						
Mar20			Mar20	Mar20		
			30		ppm)	
25 - Severe			25	Severe		
20				-		
Abnormal			e 15 10	Abnormal		
5-			- 5			
0/24+0						
			Mar2			
Copper (ppm)			60	Silicon (ppm)	
200 - Severe			50	Severe		
150- E						
T			20	Abnormal		
50			10			
20/24			20/24	20/24		
			Mar			
52 Abnormal	, 		1200	I	1	
50			1000	annana phospho	rus	
() () () () () () () () () ()						
42			400			
40 Abnormal						
ar20/24			ar20/24	ar20/24		
: WearCheck USA - 56 : WC0864862 : 06147864 : 10977942	Receive Tested Diagnos	d : 12 A : 15 A sed : 15 A	NC 27513 Apr 2024 Apr 2024	INTER es Davis	15 POL BRID	HEMUS LAN GEWATER, N US 0880 LO CHARDC
	Color Bottom GRAPHS Iron (ppm) GRAPHS Iron (ppm) Aluminum (ppm) Copper	SAMPLE IMAGES Color Bottom GRAPHS Iron (ppm) Grees Aluminum (ppm) Copper (ppm)	SAMPLE IMAGES method Color Bottom Image: Same state	SAMPLE IMAGES method imit/base Color Bottom Imit/base Imit/base Bottom Imit/base Imit/base Imit/base GRAPHS Imit/base Imit/base Imit/base Imit/base Imi	SAMPLE IMAGES method Imit/base current Color no image Bottom no image GRAPHS no image Iron (ppm) Lead (ppm) Imit/base Chromium (ppm) Imit/base Chromium (ppm) Imit/base Chromium (ppm) Imit/base Chromium (ppm) Imit/base Silicon (ppm) Imit/base <	SAMPLE IMAGES method imit/base current history1 Color no image no image no image Bottom no image no image no image GRAPHS Iron (ppm) Imit base Imit base Imit base Aluminum (ppm) Imit base Imit base Imit base Imit base Aluminum (ppm) Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base Imit base

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