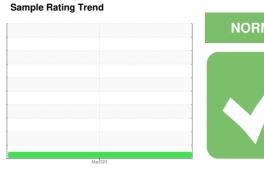


OIL ANALYSIS REPORT

MITSUBISHI 302201

Hydraulic System

FUCHS RENOLIN ZAF B 46 HT ZINC FREE





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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.

(OC OAL)						
(26 GAL)				Mar2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		FCH0000001		
Sample Date		Client Info		27 Mar 2024		
Machine Age	hrs	Client Info		0		
Dil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>20	13		
Chromium	ppm	ASTM D5185m	>10	<1		
lickel	ppm	ASTM D5185m	>10	<1		
itanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Numinum	ppm	ASTM D5185m	>10	2		
.ead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>75	2		
in	ppm	ASTM D5185m	>10	<1		
/anadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Nolybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		2		
/lagnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		301		
Phosphorus	ppm	ASTM D5185m		81		
Zinc	ppm	ASTM D5185m		79		
Gulfur	ppm	ASTM D5185m		7944		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	2		
Sodium	ppm	ASTM D5185m		0		
otassium	ppm	ASTM D5185m	>20	1		
Vater	%	ASTM D6304		NEG		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	588		
Particles >6µm		ASTM D7647	>1300	199		
Particles >14µm		ASTM D7647	>160	20		
Particles >21µm		ASTM D7647	>40	6		
Particles >38µm		ASTM D7647	>10	1		
Particles >71µm		ASTM D7647	>3	0		
Dil Cleanliness		ISO 4406 (c)	>19/17/14	16/15/11		
FLUID DEGRADA	ATION _	method	limit/base	current	history1	history2
Natal Nicorale and (ANN)		AOTM DOC 15		- ·-		

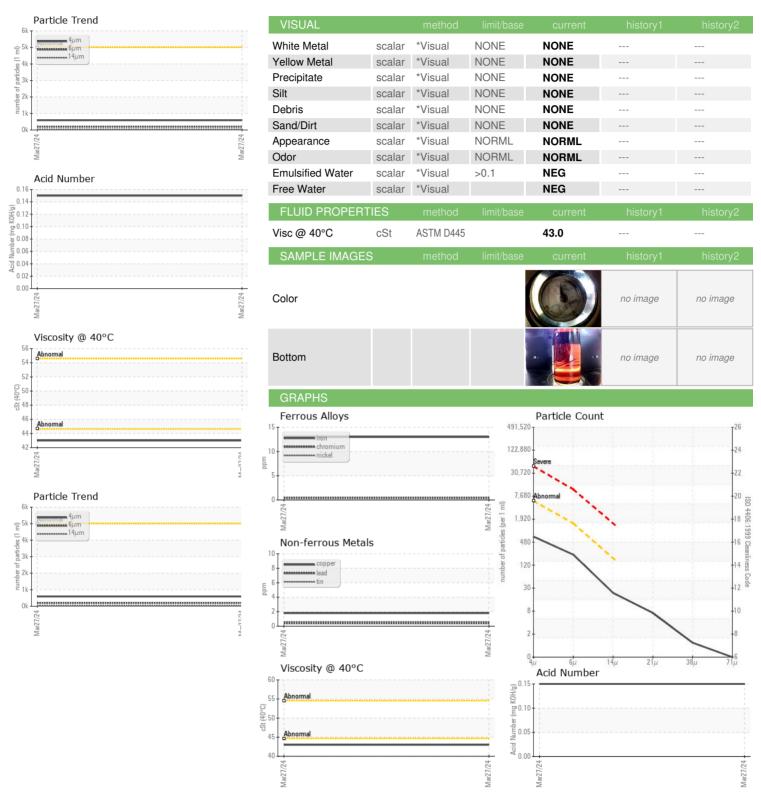
0.15

Acid Number (AN)

mg KOH/g ASTM D8045



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06141240 Unique Number : 10966048

: FCH0000001 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested** Diagnosed

: 08 Apr 2024 : 10 Apr 2024 : 10 Apr 2024 - Doug Bogart

DANA - FAIRFIELD CUSTOM GEARS AND DRIVES 2400 SAGAMORE PKWY S #2400 LAFAYETTE, IN US 47905

Contact: Service Manager

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)

T:

F: