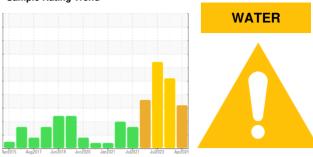


OIL ANALYSIS REPORT

Sample Rating Trend



PRESS 0809CD01

Gearbox

KLUBER Klübersynth GH 6 ISO 320 (5 GAL)

DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition.

All component wear rates are normal.

Contamination

Elemental level of silicon (Si) above normal. There is a moderate concentration of water present in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

The AN level is acceptable for this fluid.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0773260	WC0762966	WC0806863
Sample Date		Client Info		18 Apr 2024	24 Jan 2024	18 Jul 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	ABNORMAL	SEVERE
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		35	35	31
Iron	ppm	ASTM D5185m	>200	4	5	5
Chromium	ppm	ASTM D5185m	>15	0	<1	0
Nickel	ppm	ASTM D5185m	>15	0	<1	0
Titanium	ppm	ASTM D5185m		0	<1	2
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	5	<1
Lead	ppm	ASTM D5185m	>100	0	0	<1
Copper	ppm	ASTM D5185m	>200	<1	1	1
Tin	ppm	ASTM D5185m	>25	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	<1	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		5	6	2
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m		3	4	5
Calcium	ppm	ASTM D5185m		7	14	14
Phosphorus	ppm	ASTM D5185m	2450	2522	2916	2470
Zinc	ppm	ASTM D5185m	2400	17	18	52
Sulfur	ppm	ASTM D5185m		15	0	220
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	▲ 82	△ 63	<u> 127</u>
Sodium	ppm	ASTM D5185m	7 0 0	0	13	2
Potassium	ppm	ASTM D5185m	>20	2	2	5
Water	%	ASTM D6304	>0.2	_ 	<u> </u>	<u></u>
ppm Water	ppm	ASTM D6304	>2000	<u> 7379</u>	<u></u> 5587	▲ 6434.4
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>20000	10176	35141	2227
Particles >6µm		ASTM D7647	>5000	1536	8406	1213
Particles >14µm		ASTM D7647	>320	28	564	206
Particles >21µm		ASTM D7647	>80	6	144	70
Particles >38µm		ASTM D7647	>20	1	7	11
Particles >71μm		ASTM D7647	>4	0	0	1
Oil Cleanliness		ISO 4406 (c)	>21/19/15	21/18/12	22/20/16	18/17/15
FLUID DEGRADA	TION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WC0773260 Lab Number : 06218241 Unique Number : 11096438

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

: 25 Jun 2024 : 26 Jun 2024 - Don Baldridge Diagnosed

: 24 Jun 2024

Test Package : IND 2 (Additional Tests: KF, PQ, PrtCount) To discuss this sample report, contact Customer Service at 1-800-237-1369.

US Contact: CHRISTOPHER JACKSON christopher.jackson@arauco.com T:

ARAUCO FLAKEBOARD - MDF

985 CORINTH RD

MONCURE, NC

 st - 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)

Contact/Location: CHRISTOPHER JACKSON - FLAMONNC

F: