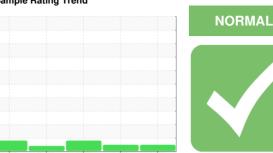


OIL ANALYSIS REPORT

Sample Rating Trend



PRODUCTION WIFAG TOWER 9

Hydraulic System

TULCO LUBSOIL SUPER HYDRAULIC AW

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable.

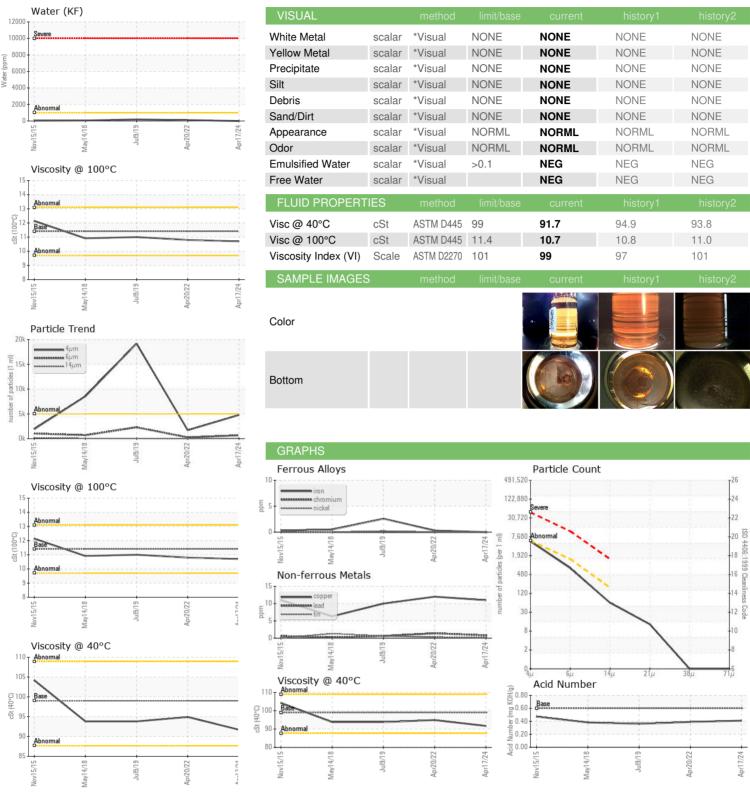
Fluid Condition

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

100 (90 GAL)		Nov2015	May2018	Jul2019 Apr2022	Apr2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO50000809	TO5000708	TO5010833
Sample Date		Client Info		17 Apr 2024	20 Apr 2022	09 Jul 2019
fachine Age	yrs	Client Info		6	0	0
Dil Age	yrs	Client Info		0	4	0
Oil Changed		Client Info		Not Changd	Not Changd	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
on	ppm	ASTM D5185m	>20	0	<1	3
hromium	ppm	ASTM D5185m	>10	0	0	0
lickel	ppm	ASTM D5185m	>10	0	0	<1
itanium	ppm	ASTM D5185m		<1	0	<1
ilver	ppm	ASTM D5185m		0	<1	<1
luminum	ppm	ASTM D5185m	>10	0	<1	0
ead	ppm	ASTM D5185m	>10	<1	1	<1
opper	ppm	ASTM D5185m	>75	11	12	10
in	ppm	ASTM D5185m	>10	<1	<1	<1
ntimony	ppm	ASTM D5185m				0
anadium	ppm	ASTM D5185m		<1	0	0
admium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
oron	ppm	ASTM D5185m		0	<1	<1
arium	ppm	ASTM D5185m		<1	0	<1
lolybdenum	ppm	ASTM D5185m		0	<1	0
langanese	ppm	ASTM D5185m		0	0	0
1agnesium	ppm	ASTM D5185m		4	6	10
alcium	ppm	ASTM D5185m		29	30	74
hosphorus	ppm	ASTM D5185m	380	316	333	365
inc	ppm	ASTM D5185m	490	337	365	372
ulfur	ppm	ASTM D5185m	2150	1816	1160	1889
CONTAMINANTS	3	method	limit/base	current	history1	history2
ilicon	ppm	ASTM D5185m	>20	2	2	2
odium	ppm	ASTM D5185m		18	19	48
otassium	ppm	ASTM D5185m	>20	7	9	20
Vater	%	ASTM D6304	>0.1	0.00	0.011	0.019
pm Water	ppm	ASTM D6304	>1000	0	111.6	190
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
articles >4μm		ASTM D7647	>5000	4768	1699	<u>▲</u> 19156
articles >6µm		ASTM D7647		675	242	<u>^</u> 2292
articles >14µm		ASTM D7647	>160	53	12	35
articles >21µm		ASTM D7647	>40	11	1	6
articles >38μm		ASTM D7647	>10	0	0	0
articles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	19/17/13	18/15/11	<u>^</u> 21/18/12
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06155917 Unique Number : 10991340

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TO50000809 Received : 22 Apr 2024 **Tested** : 23 Apr 2024

Diagnosed : 23 Apr 2024 - Wes Davis

Test Package : IND 2 (Additional Tests: KF, KV100, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

 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)

DALLAS MORNING NEWS

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Report Id: DALPLATO [WUSCAR] 06155917 (Generated: 04/23/2024 17:12:28) Rev: 1

Contact/Location: KENNY CLARK - DALPLATO