

OIL ANALYSIS REPORT

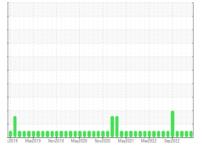
Sample Rating Trend

NORMAL

EAGLEFORD DILLEY AMINE 9200 (S/N C-40144)

Reciprocating Compressor

TULCO LUBSOIL DGP 150 (20 GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

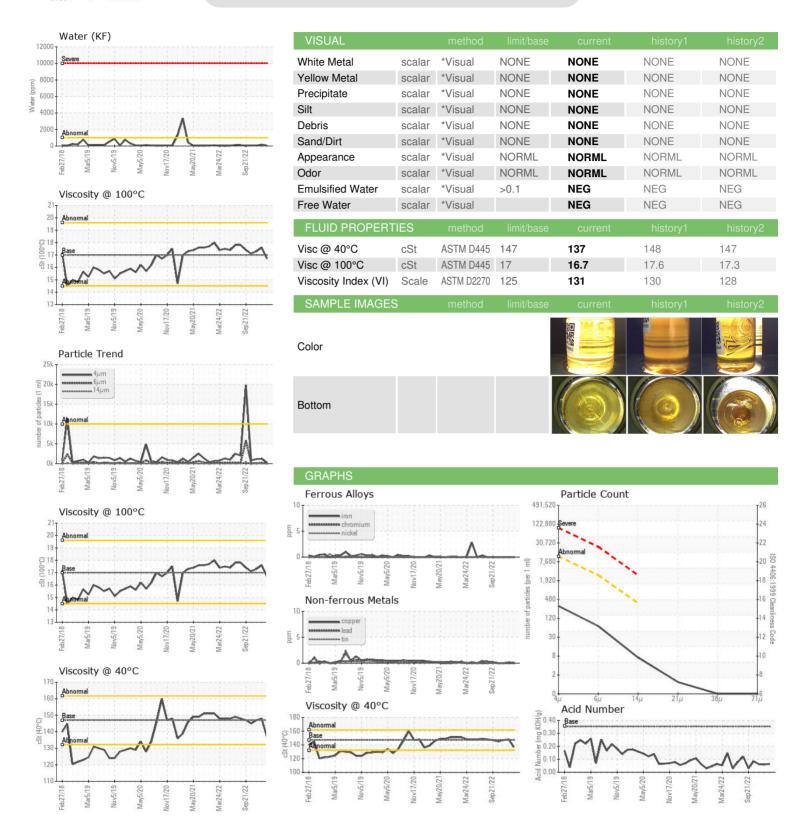
Fluid Condition

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

CAMPLE INFORM	AATION		line it the		la ta ta consider	history 0
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO60000653	TO50000566	TO50000569
Sample Date		Client Info		25 Jan 2023	08 Dec 2022	22 Nov 2022
Machine Age	hrs	Client Info		45248	44842	44455
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	<1	0
Tin	ppm	ASTM D5185m	>15	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	0	2
Calcium	ppm	ASTM D5185m		<1	0	0
Phosphorus	ppm	ASTM D5185m	92	77	79	98
Zinc	ppm	ASTM D5185m		1	3	7
Sulfur	ppm	ASTM D5185m	1600	1140	1135	860
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	0	0
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water	%	ASTM D6304	>0.1	0.004	0.015	0.006
ppm Water	ppm	ASTM D6304	>1000	46.3	159.1	62.3
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	262	1204	1154
Particles >6µm		ASTM D7647	>2500	60	168	116
Particles >14µm		ASTM D7647	>320	6	10	8
Particles >21µm		ASTM D7647	>80	1	2	3
Particles >38µm		ASTM D7647	>20	0	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	15/13/10	17/15/10	17/14/10
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.353	0.063	0.059	0.061



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Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TO60000653 Lab Number : 05760601

Unique Number: 10325208

Received : 07 Feb 2023 **Tested** : 08 Feb 2023 : 08 Feb 2023 - Doug Bogart Diagnosed

Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

Certificate 12367 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. **WILLIAMS ENERGY**

9013 CHESAPEAKE WAY PEARSALL, TX US 78061

Contact: BILLY HARRISON billy.harrison@williams.com

T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: