

PROBLEM SUMMARY

Sample Rating Trend

VISCOSITY

EAGLEFORD DILLEY AMINE 9300 (S/N F-51098)

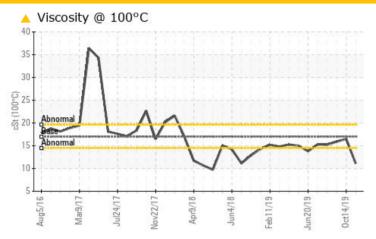
Reciprocating Compressor

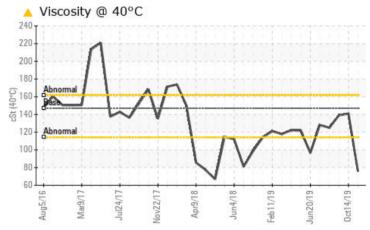
TULCO LUBSOIL DGP 150 (25 GAL)





COMPONENT CONDITION SUMMARY





RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

PROBLEMATIC TEST RESULTS									
Sample Status				ABNORMAL	NORMAL	NORMAL			
Debris	scalar	*Visual	NONE	MODER	NONE	NONE			
Visc @ 40°C	cSt	ASTM D445	147	75.8	141	139			
Visc @ 100°C	cSt	ASTM D445	17	11.1	16.5	15.9			

Customer Id: WILPEA Sample No.: TO204845457 Lab Number: 04845457 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 ihester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	MISSED	Dec 11 2019	?	We recommend you service the filters on this component.
Alert			?	We were unable to perform a particle count due to a high concentration of particles present in this sample.

HISTORICAL DIAGNOSIS

14 Oct 2019 Diag: Don Baldridge

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



28 Aug 2019 Diag: Jonathan Hester

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report

10 Aug 2019 Diag: Don Baldridge

ISO



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

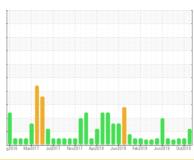
Sample Rating Trend

VISCOSITY

EAGLEFORD DILLEY AMINE 9300 (S/N F-51098)

Reciprocating Compressor

TULCO LUBSOIL DGP 150 (25 GAL)





DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

▲ Fluid Condition

The oil viscosity is lower than normal. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO204845457	TO204826580	TO204792258
Sample Date		Client Info		05 Nov 2019	14 Oct 2019	28 Aug 2019
Machine Age	hrs	Client Info		24621	24132	23007
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	1
Chromium	ppm	ASTM D5185m		0	0	0
Nickel	ppm	ASTM D5185m	210	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	<1
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>25	0	17	<1
Copper		ASTM D5185m		<1	<1	<1
Tin	ppm ppm	ASTM D5185m	>15	0	<1	<1
Antimony	ppm	ASTM D5185m	>10	0	0	0
Vanadium		ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	<1
	ppm			-		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	1
Barium	ppm	ASTM D5185m		0	0	2
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	<1
Magnesium	ppm	ASTM D5185m		<1	<1	<1
Calcium	ppm	ASTM D5185m		<1	2	1
Phosphorus	ppm	ASTM D5185m	92	78	85	84
Zinc	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM D5185m	1600	960	1005	873
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	<1
Sodium	ppm	ASTM D5185m		0	<1	2
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
Water	%	ASTM D6304	>0.1	0.037	0.024	0.057
ppm Water	ppm	ASTM D6304	>1000	373.0	244.3	578.3
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000		131	2371
Particles >6µm		ASTM D7647	>2500		34	1292
Particles >14µm		ASTM D7647	>320		5	220
Particles >21µm		ASTM D7647	>80		2	74
Particles >38µm		ASTM D7647	>20		0	11
Particles >71µm		ASTM D7647	>4		0	1
Oil Cleanliness		ISO 4406 (c)	>20/18/15		14/12/10	18/17/15
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
					3337	

Acid Number (AN)



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number **Unique Number**

: TO204845457 : 04845457 : 8815397

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 13 Nov 2019 Received Diagnosed

: 18 Nov 2019 Diagnostician : Jonathan Hester Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

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)

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