

OIL ANALYSIS REPORT

Area PRESS Machine Id WEST TRACKBOUND

Tank Hydraulic System Fluic CHEVRON RANDO HD 46 (500 GAL)

Recommendation

Resample at the next service interval to monitor.

Wear

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.

NORMAL

Sample Rating Trend

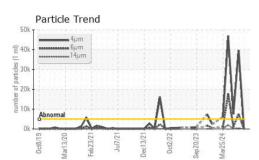
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0655332	WC0937025	WC0937024
Sample Date		Client Info		07 Jul 2024	31 May 2024	09 May 2024
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	ATTENTION
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	1	2	<1
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>20	<1	0	0
Titanium	ppm	ASTM D5185m	>20	<1	<1	<1
Silver	ppm	ASTM D5185m	00	0	0	0
Aluminum	ppm		>20	_	1	
Lead	ppm	ASTM D5185m	>20	<1	0	0
Copper	ppm	ASTM D5185m	>20	6	5	5
Tin	ppm	ASTM D5185m	>20	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		3	1	2
Calcium	ppm	ASTM D5185m		19	26	32
Phosphorus	ppm	ASTM D5185m		271	258	294
Zinc	ppm	ASTM D5185m		353	337	346
Sulfur	ppm	ASTM D5185m		619	669	674
CONTAMINANTS	1	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<1	<1	<1
Sodium	ppm	ASTM D5185m		0	<1	0
Potassium	ppm	ASTM D5185m	>20	1	<1	2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	270	▲ 39685	7588
Particles >6µm		ASTM D7647	>1300	63	A 7498	1285
Particles >14µm		ASTM D7647	>160	6	A 326	77
Particles >21µm		ASTM D7647	>40	2	A 85	18
Particles >38µm		ASTM D7647	>10	0	5	1
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	15/13/10	A 22/20/16	20/17/13
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.28	0.32	0.31
	ing NO⊓/y	AU 101 0043		0.20	0.02	0.01

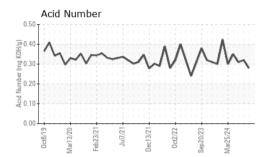
Report Id: ALLMONSAF [WUSCAR] 06235896 (Generated: 07/16/2024 15:23:13) Rev: 1

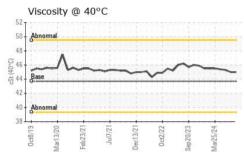
Contact/Location: MIKE TODD - ALLMONSAF

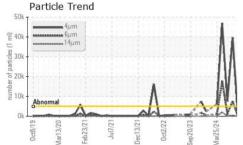


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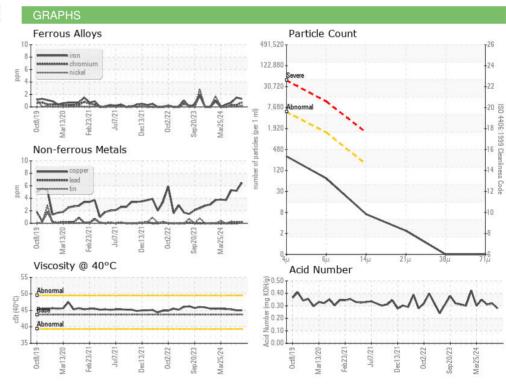








VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	43.7	45.0	45.0	45.3
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					a.	
Bottom						



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 ALLVAC SAF CONDITIONING : WC0655332 Sample No. Received : 15 Jul 2024 3750 ALLOY WAY Lab Number : 06235896 Tested : 16 Jul 2024 MONROE, NC Unique Number : 11124730 Diagnosed : 16 Jul 2024 - Don Baldridge US 28110 Test Package : IND 2 Contact: MIKE TODD Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. mike.todd@atimetals.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Page 2 of 2