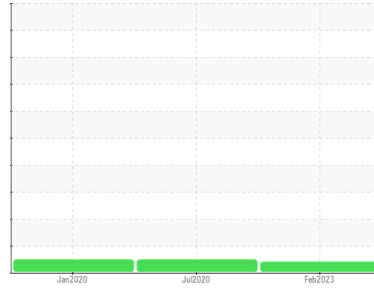




PROBLEM SUMMARY

Sample Rating Trend



VIS DEBRIS



Area
CRANE - T LANGE
 Machine Id
T LANGE CRANE (S/N 361.093)
 Component
Starboard Slewing Gearbox
 Fluid
CHEVRON MEROPA 220 (13 GAL)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status		ABNORMAL	NORMAL	NORMAL
Debris	scalar *Visual	▲ MODER	VLITE	NONE

Customer Id: STJCONKL
 Sample No.: WC0725415
 Lab Number: 05767690
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Sean Felton +1 919-379-4092
sfelton@wearcheckusa.com

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

02 Jul 2020 Diag: Don Baldrige

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 condition of the oil is acceptable for the time in service.

view report



07 Jan 2020 Diag: Wes Davis

NORMAL



Resample at the next service interval to monitor. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



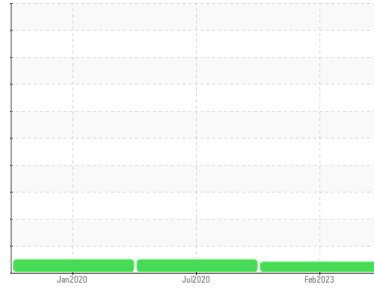


OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Area
CRANE - T LANGE
 Machine Id
T LANGE CRANE (S/N 361.093)
 Component
Starboard Slewing Gearbox
 Fluid
CHEVRON MEROPA 220 (13 GAL)



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

The condition of the oil is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0725415	WC0469734	WC0375074
Sample Date	Client Info		13 Feb 2023	02 Jul 2020	07 Jan 2020
Machine Age	hrs	Client Info	0	0	27682
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		Not Chngd	N/A	Changed
Sample Status			ABNORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	14	23	202
Chromium	ppm	ASTM D5185m >5	0	<1	2
Nickel	ppm	ASTM D5185m >5	<1	<1	<1
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m	0	0	<1
Lead	ppm	ASTM D5185m >5	<1	0	0
Copper	ppm	ASTM D5185m >35	<1	<1	<1
Tin	ppm	ASTM D5185m >5	0	0	0
Antimony	ppm	ASTM D5185m >5	---	10	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 40	17	20	15
Barium	ppm	ASTM D5185m	0	0	<1
Molybdenum	ppm	ASTM D5185m	<1	<1	0
Manganese	ppm	ASTM D5185m	<1	0	<1
Magnesium	ppm	ASTM D5185m	<1	3	0
Calcium	ppm	ASTM D5185m	6	26	21
Phosphorus	ppm	ASTM D5185m 270	264	221	230
Zinc	ppm	ASTM D5185m	0	6	26
Sulfur	ppm	ASTM D5185m 8600	7698	6473	6380

CONTAMINANTS

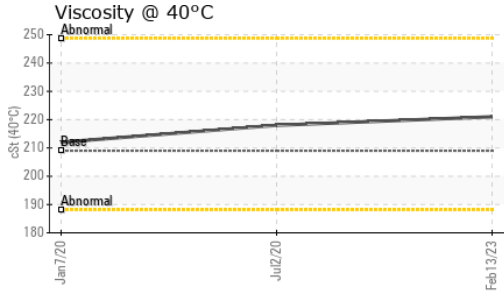
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	1	2	2
Sodium	ppm	ASTM D5185m	<1	<1	<1
Potassium	ppm	ASTM D5185m >20	<1	0	2

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	VLITE	LIGHT
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	LIGHT
Debris	scalar	*Visual NONE	▲ MODER	VLITE	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 >0.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT

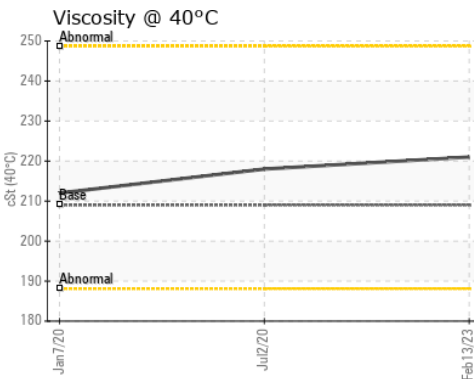
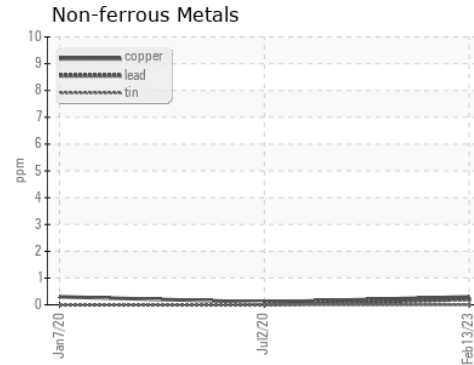
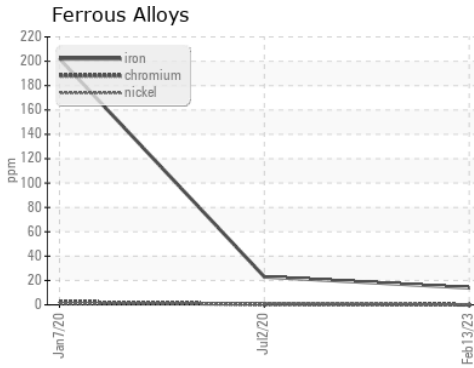


FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 209	221	218	212

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0725415 **Received** : 14 Feb 2023
Lab Number : 05767690 **Diagnosed** : 16 Feb 2023
Unique Number : 10337298 **Diagnostician** : Sean Felton
Test Package : FLEET

ASSOCIATED TERMINALS - CRANE

CONVENT, LA
 US 70723
 Contact: LONNY BECNEL
 lbecnel@associatedterminals.com
 T: (225)562-3919
 F: (225)562-3515

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)