



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
OKLAHOMA/102/EG - CRANE
 Machine Id
22.67L [OKLAHOMA^102^EG - CRANE]
 Component
Pump Drive
 Fluid
MOBIL MOBILUBE HD PLUS 75W90 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. Note that there appears to be a discrepancy in the total time on this component, when compared to the historical data.

WEAR

All component wear rates are normal.

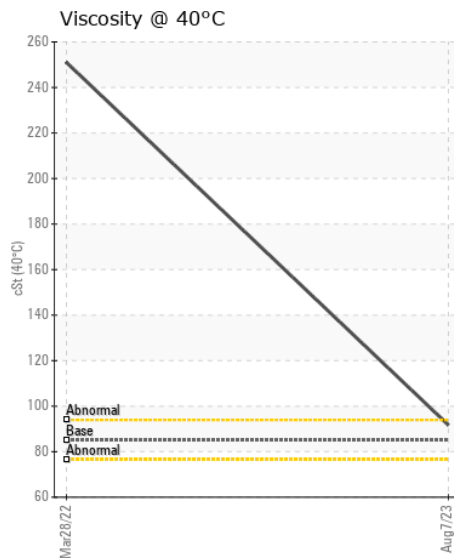
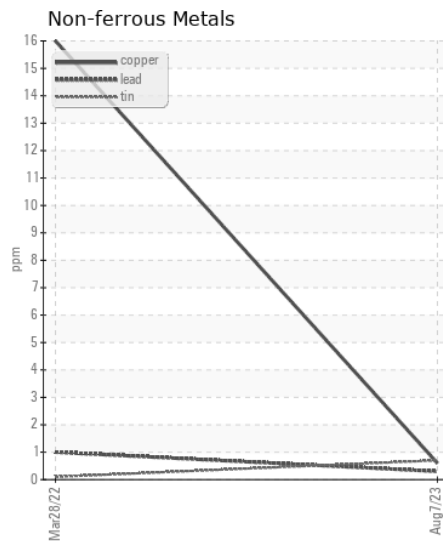
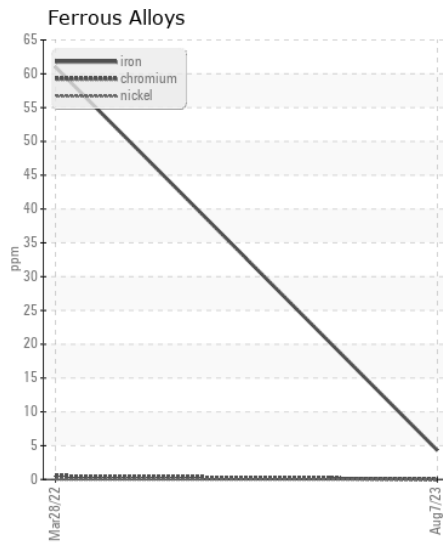
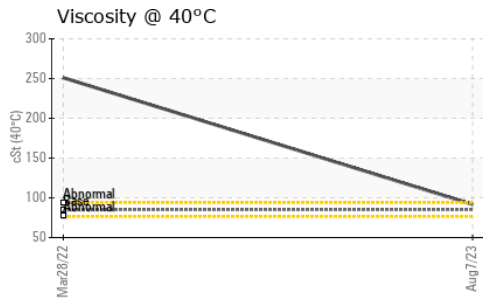
CONTAMINATION

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

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0833987	WC0678893	---
Sample Date		Client Info		07 Aug 2023	28 Mar 2022	---
Machine Age	hrs	Client Info		5015	5597	---
Oil Age	hrs	Client Info		500	500	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	ATTENTION	---
Iron	ppm	ASTM D5185m	>500	4	61	---
Chromium	ppm	ASTM D5185m	>15	0	<1	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>20	<1	<1	---
Lead	ppm	ASTM D5185m		<1	1	---
Copper	ppm	ASTM D5185m	>35	<1	16	---
Tin	ppm	ASTM D5185m	>4	<1	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	3	6	---
Potassium	ppm	ASTM D5185m	>20	<1	2	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	▲ MODER	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		0	2	---
Boron	ppm	ASTM D5185m		8	88	---
Barium	ppm	ASTM D5185m		2	0	---
Molybdenum	ppm	ASTM D5185m		<1	1	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m		25	5	---
Calcium	ppm	ASTM D5185m		214	76	---
Phosphorus	ppm	ASTM D5185m		926	940	---
Zinc	ppm	ASTM D5185m		91	37	---
Sulfur	ppm	ASTM D5185m		14488	16596	---
Visc @ 40°C	cSt	ASTM D445	85	91.7	251	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0833987
Lab Number : 05923716
Unique Number : 10603663
Test Package : CONST

Received : 14 Aug 2023
Tested : 15 Aug 2023
Diagnosed : 15 Aug 2023 - Don Baldrige

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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)