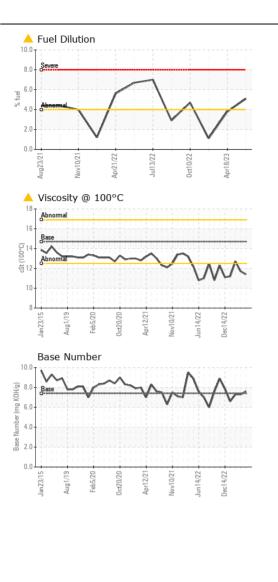
**WEAR** CONTAMINATION **FLUID CONDITION** 

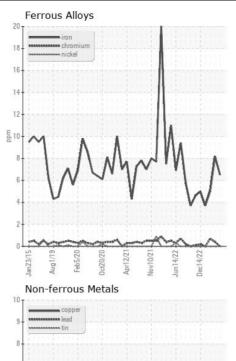
**NORMAL ABNORMAL ABNORMAL** 

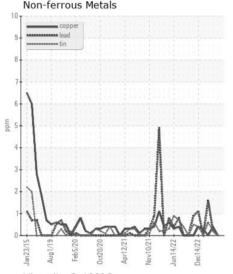
Machine Id **HBR** 

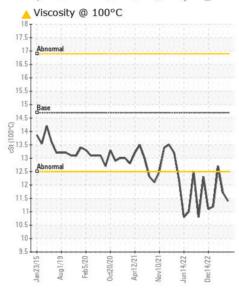
Component

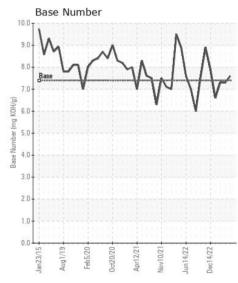
FIUIQ				
CHEVRON URSA SUPER PLUS 40 (5 GAL)				
RECOMMENDATION Test UOM Method	Limit/Abn		History1	History2
We recommend that you change the oil at the next available stoppage  Sample Number  Client II		MW05843068	MW05823788	MW05774581
or outage. We recommend an early resample to monitor this condition		09 May 2023		22 Feb 2023
Machine Age nrs Client II		18355	17919	17504
Oil Age hrs Client I		436	415	405
Filter Age hrs Client II		0	0	0
Oil Changed Client II		N/A N/A	N/A N/A	N/A N/A
Filter Changed Client In Sample Status	110	ABNORMAL	ABNORMAL	NORMAL
		ADNONWAL	ADNOTIVIAL	
WEAR Iron ppm ASTM D51	35m >25	6	8	5
Chromium ppm ASTM D51	35m >5	0	<1	<1
All component wear rates are normal.  Nickel ppm ASTM D51	35m >5	0	0	0
Titanium ppm ASTM D51	35m	0	0	0
Silver ppm ASTM D51	35m >5	0	0	0
Aluminum ppm ASTM D51	35m >10	5	1	3
Lead ppm ASTM D51	35m >10	0	<1	2
Copper ppm ASTM D51	35m >20	0	<1	0
Tin ppm ASTM D51	35m >5	0	<1	<1
Vanadium ppm ASTM D51	35m	0	0	0
White Metal scalar *Visual	NONE		NONE	NONE
Yellow Metal scalar *Visual	NONE	NONE	NONE	NONE
CONTAMINATION Silicon ppm ASTM D51	35m >25	4	6	6
	35m >20	<1	2	<1
There is a moderate amount of fuel present in the oil. Tests confirm the		▲ 5.1	▲ 3.8	<1.0
presence of fuel in the oil.	od >0.1	NEG	NEG	NEG
Glycol WC Met		NEG	NEG	NEG
Soot % % *ASTM D7		0.9	0.1	0.1
Nitration Abs/cm *ASTM D7	624 >20	6.6	6.7	5.7
Sulfation Abs/.1mm *ASTM D7	415 >30	22.8	22.7	20.4
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	>0.1	NEG	NEG	NEG
FLUID CONDITION Sodium ppm ASTM D51	25m	1	<1	<1
FLUID CONDITION  Sodium ppm ASTM D51  Boron ppm ASTM D51		294	353	369
The BN result indicates that there is suitable alkalinity remaining in the		0	0	0
oil. Fuel is present in the oil and is lowering the viscosity. The oil is no		96	92	64
longer serviceable due to the presence of contaminants.    Manganese   ppm   ASTM D51		0	<1	<1
Magnesium ppm ASTM D51		499	414	222
MIGUIDALIII MALIMITALI		1858	1994	2454
-				
Calcium ppm ASTM D51		790	792	819
Calcium ppm ASTM D51 Phosphorus ppm ASTM D51	35m 1000 35m 1090	790 973	792 968	819 1044
Calcium ppm ASTM D51 Phosphorus ppm ASTM D51	35m 1000 35m 1090	973		
Calcium         ppm         ASTM D51           Phosphorus         ppm         ASTM D51           Zinc         ppm         ASTM D51           Sulfur         ppm         ASTM D51	35m 1000 35m 1090		968	1044
Calcium         ppm         ASTM D51           Phosphorus         ppm         ASTM D51           Zinc         ppm         ASTM D51           Sulfur         ppm         ASTM D51	35m 1000 35m 1090 35m 414 >25	973 2867	968 2813	1044 3152













Certificate L2367

Laboratory Sample No.

Lab Number : 05843068 Unique Number : 10467175

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : MW05843068 Received **Tested** 

: 12 May 2023 Diagnosed

: 12 May 2023 - Wes Davis

: 10 May 2023

Test Package : MAR 2 ( Additional Tests: FuelDilution, PercentFuel ) 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.

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