

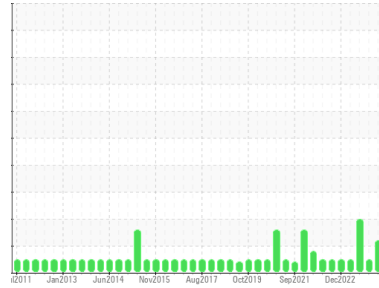


OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Area
SLAUGHTER
 Machine Id
MYCOM TYSAMAS 6 MYC (S/N 2512641)
 Component
Refrigeration Compressor
 Fluid
USPI 1009-68 SC (--- GAL)



DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition
 The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		USP0006107	USP0003557	USP248996
Sample Date	Client Info		05 Mar 2024	22 Nov 2023	02 Jun 2023
Machine Age	hrs	Client Info	4353	0	2584
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			ATTENTION	NORMAL	ABNORMAL

WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >8	4	---	2
Chromium	ppm	ASTM D5185m >2	<1	---	0
Nickel	ppm	ASTM D5185m	0	---	0
Titanium	ppm	ASTM D5185m	0	---	0
Silver	ppm	ASTM D5185m >2	0	---	0
Aluminum	ppm	ASTM D5185m >3	0	---	<1
Lead	ppm	ASTM D5185m >2	0	---	0
Copper	ppm	ASTM D5185m >8	0	---	0
Tin	ppm	ASTM D5185m >4	0	---	0
Vanadium	ppm	ASTM D5185m	0	---	0
Cadmium	ppm	ASTM D5185m	0	---	0

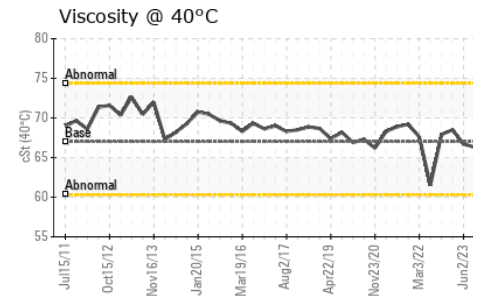
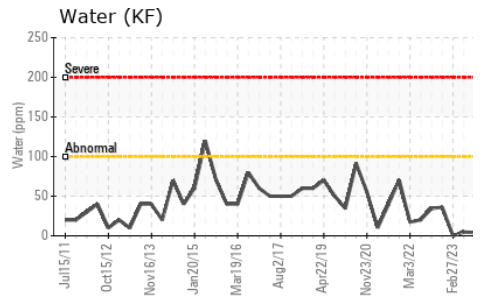
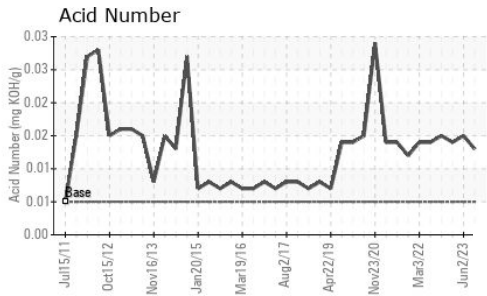
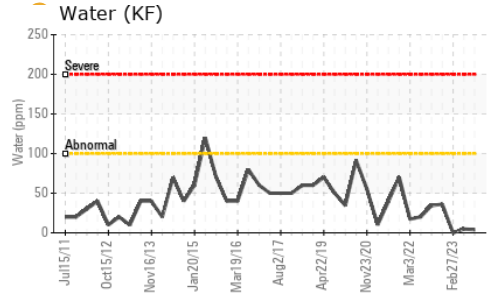
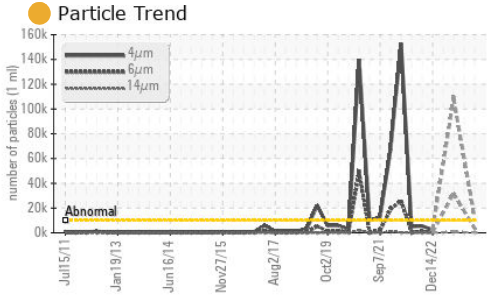
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	---	0
Barium	ppm	ASTM D5185m	0	---	0
Molybdenum	ppm	ASTM D5185m	0	---	0
Manganese	ppm	ASTM D5185m	<1	---	<1
Magnesium	ppm	ASTM D5185m	0	---	0
Calcium	ppm	ASTM D5185m	<1	---	0
Phosphorus	ppm	ASTM D5185m	0	---	0
Zinc	ppm	ASTM D5185m	0	---	1
Sulfur	ppm	ASTM D5185m 50	0	---	0

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	<1	---	0
Sodium	ppm	ASTM D5185m	1	---	0
Potassium	ppm	ASTM D5185m >20	0	---	0
Water	%	ASTM D6304 >0.01	0.001	---	0.001
ppm Water	ppm	ASTM D6304 >100	4	---	4.8

FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	12285	---	▲ 108271
Particles >6µm	ASTM D7647	>2500	3714	---	▲ 31634
Particles >14µm	ASTM D7647	>320	215	---	▲ 732
Particles >21µm	ASTM D7647	>80	34	---	▲ 59
Particles >38µm	ASTM D7647	>20	0	---	1
Particles >71µm	ASTM D7647	>4	0	---	0
Oil Cleanliness	ISO 4406 (c)	>20/18/15	21/19/15	---	▲ 24/22/17

FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974 0.005	0.013	---	0.015

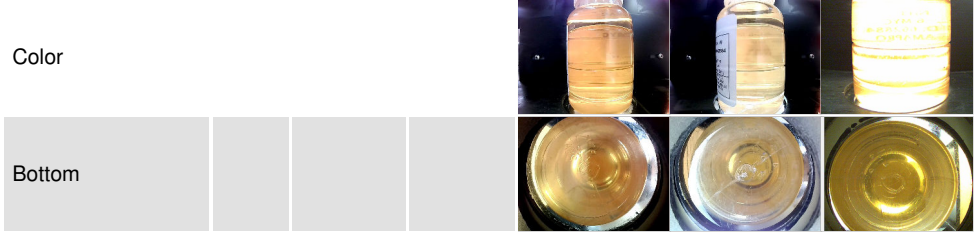
OIL ANALYSIS REPORT



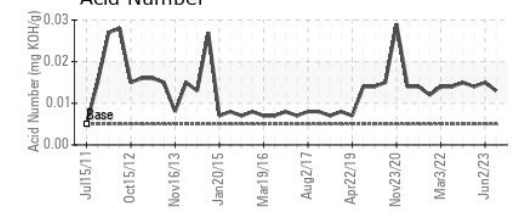
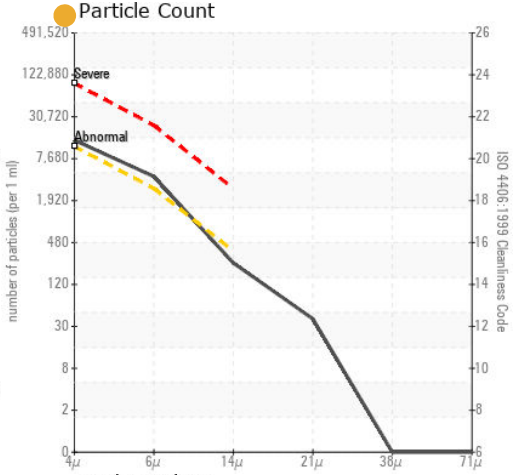
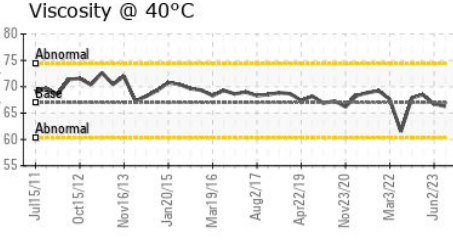
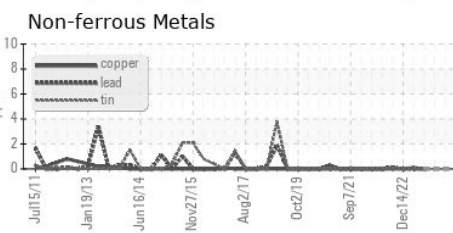
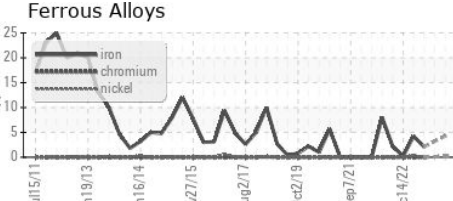
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.01	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	67	66.3	66.7

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : USP0006107
Lab Number : 06123169
Unique Number : 10937320
Test Package : IND 2
Received : 19 Mar 2024
Tested : 20 Mar 2024
Diagnosed : 21 Mar 2024 - Doug Bogart

TYSON -AMARILLO-USB
 AMARILLO, TX
 US
 Contact: RANDY INGRAM

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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