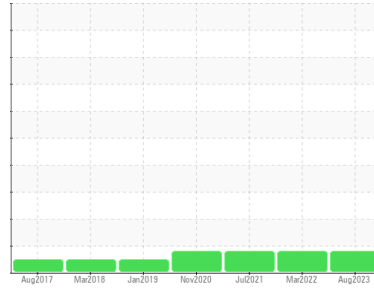


Machine Id
7800
 Component
Hydraulic System
 Fluid
MOBIL DTE 25 (120 GAL)



DIAGNOSIS

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

▲ Wear
 The copper level is abnormal. All other 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.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		PTK0004675	PTK0002993	PTK0000773
Sample Date	Client Info		15 Aug 2023	01 Mar 2022	22 Jul 2021
Machine Age	hrs	Client Info	0	22731	2166
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		Not Changed	N/A	N/A
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	1	1	1
Chromium	ppm	ASTM D5185m >20	<1	0	<1
Nickel	ppm	ASTM D5185m >20	0	0	0
Titanium	ppm	ASTM D5185m	<1	0	0
Silver	ppm	ASTM D5185m	0	<1	0
Aluminum	ppm	ASTM D5185m >20	<1	<1	0
Lead	ppm	ASTM D5185m >20	1	<1	0
Copper	ppm	ASTM D5185m >20	▲ 34	▲ 41	▲ 55
Tin	ppm	ASTM D5185m >20	<1	1	0
Antimony	ppm	ASTM D5185m	---	---	0
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	<1	<1	0

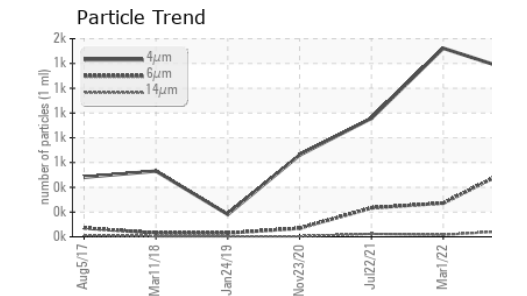
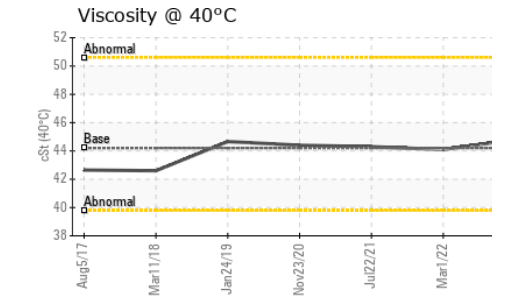
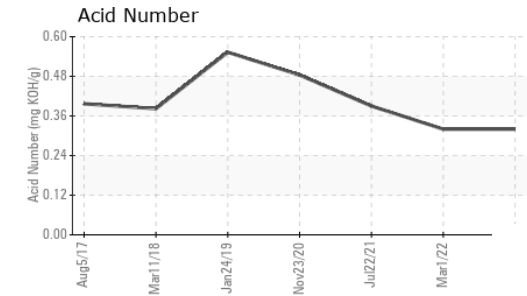
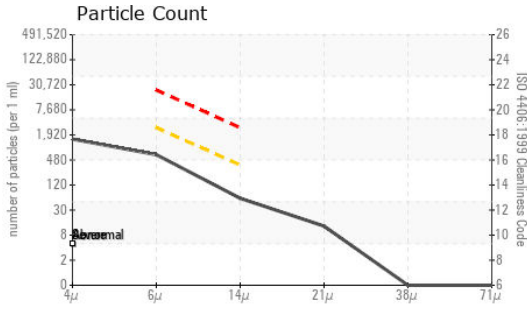
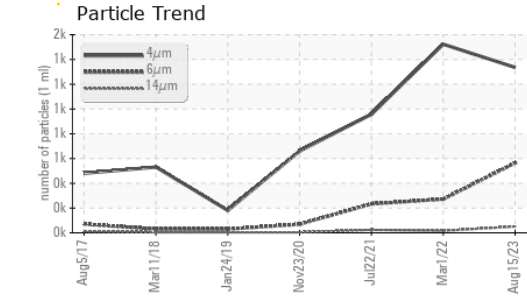
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	2
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	28	43	67
Manganese	ppm	ASTM D5185m	<1	0	0
Magnesium	ppm	ASTM D5185m	6	0	<1
Calcium	ppm	ASTM D5185m	43	50	44
Phosphorus	ppm	ASTM D5185m	386	406	340
Zinc	ppm	ASTM D5185m	404	404	371
Sulfur	ppm	ASTM D5185m	3515	2487	2334

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	2	2	1
Sodium	ppm	ASTM D5185m	2	0	<1
Potassium	ppm	ASTM D5185m >20	2	0	0

FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647		1336	1523	957
Particles >6µm	ASTM D7647	>2500	564	272	233
Particles >14µm	ASTM D7647	>320	51	16	24
Particles >21µm	ASTM D7647	>80	11	4	5
Particles >38µm	ASTM D7647	>20	0	0	0
Particles >71µm	ASTM D7647	>4	0	0	0
Oil Cleanliness	ISO 4406 (c)	>18/15	16/13	18/15/11	17/15/12

FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.32	0.32	0.390

OIL ANALYSIS REPORT

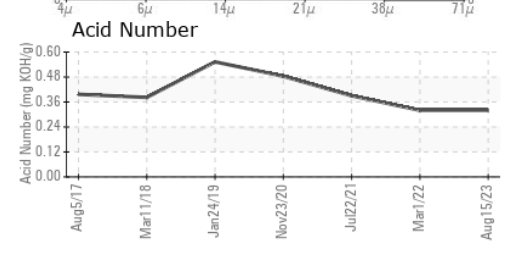
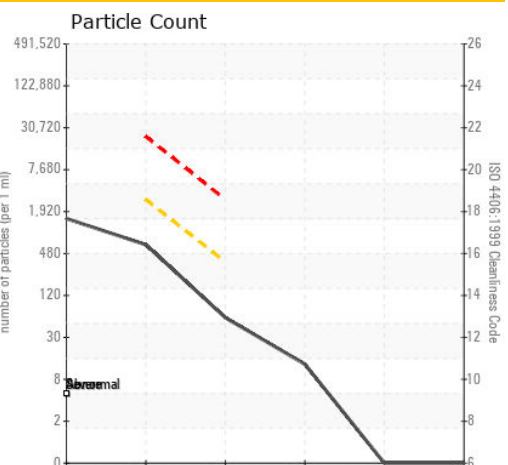
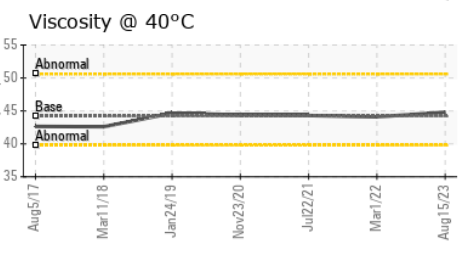
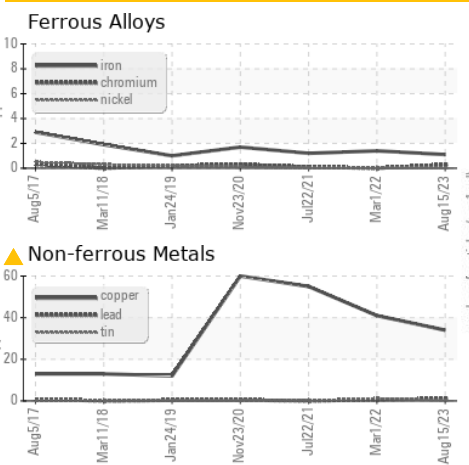


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	44.2	44.8	44.1

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PTK0004675 **Received** : 29 Aug 2023
Lab Number : 05937211 **Diagnosed** : 30 Aug 2023
Unique Number : 10622482 **Diagnostician** : Don Baldrige
Test Package : MOB 2

GLENN METALCRAFT INC
 1502 S 14TH ST
 PRINCETON, MN
 US 55371
 Contact: JOE HOWELL
 jhowell@glenncraft.com
 T: (763)389-5355
 F: (763)389-5352

Certificate L2367
 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)