



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
Maemax Corporation - 888098
 Machine Id
A2406109
 Component
Hydraulic System
 Fluid
 {not provided} (--- GAL)

DIAGNOSIS

Recommendation
 We certify that this oil is clean, that the additives are at acceptable levels, and that it is suitable for use.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Department	Client Info		Sales	---	---
Sample From	Client Info		Machine	---	---
Production Stage	Client Info		Lab Reclaim	---	---
Sent to WC	Client Info		06/17/2024	---	---
Sample Number	Client Info		E30002414	---	---
Sample Date	Client Info		17 Jun 2024	---	---
Machine Age	hrs Client Info		0	---	---
Oil Age	hrs Client Info		0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m)	>20	8	---	---
Chromium	ppm ASTM D5185(m)	>20	2	---	---
Nickel	ppm ASTM D5185(m)	>20	<1	---	---
Titanium	ppm ASTM D5185(m)		0	---	---
Silver	ppm ASTM D5185(m)		0	---	---
Aluminum	ppm ASTM D5185(m)	>20	<1	---	---
Lead	ppm ASTM D5185(m)	>20	0	---	---
Copper	ppm ASTM D5185(m)	>20	1	---	---
Tin	ppm ASTM D5185(m)	>20	0	---	---
Antimony	ppm ASTM D5185(m)		0	---	---
Vanadium	ppm ASTM D5185(m)		0	---	---
Beryllium	ppm ASTM D5185(m)		0	---	---
Cadmium	ppm ASTM D5185(m)		0	---	---

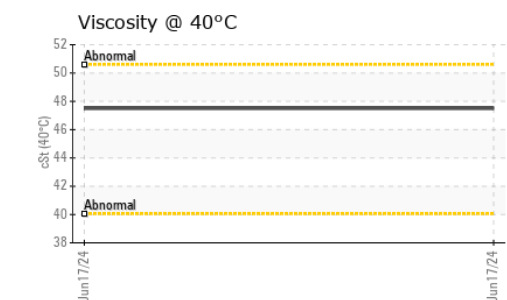
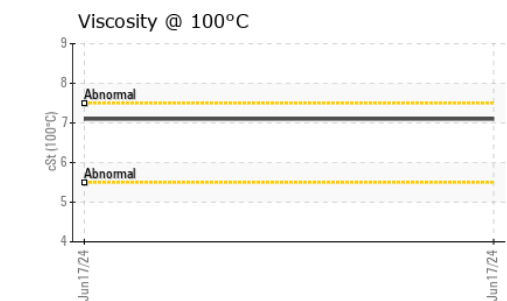
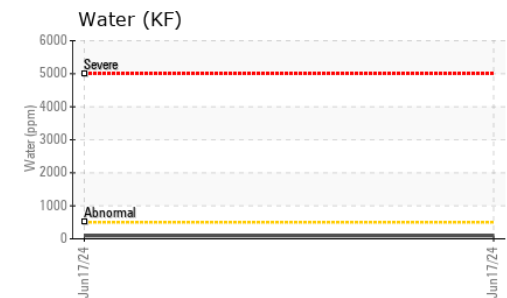
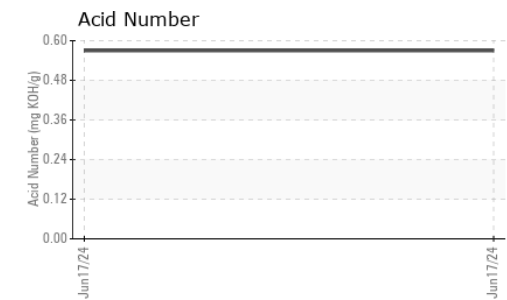
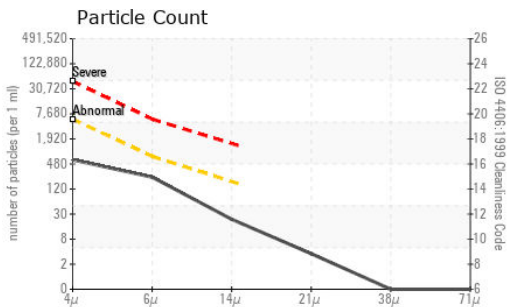
ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)		<1	---	---
Barium	ppm ASTM D5185(m)		<1	---	---
Molybdenum	ppm ASTM D5185(m)		0	---	---
Manganese	ppm ASTM D5185(m)		0	---	---
Magnesium	ppm ASTM D5185(m)		2	---	---
Calcium	ppm ASTM D5185(m)		90	---	---
Phosphorus	ppm ASTM D5185(m)		346	---	---
Zinc	ppm ASTM D5185(m)		403	---	---
Sulfur	ppm ASTM D5185(m)		1966	---	---
Lithium	ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m)	>15	2	---	---
Sodium	ppm ASTM D5185(m)		3	---	---
Potassium	ppm ASTM D5185(m)	>20	<1	---	---
Water	% ASTM D6304*	>0.05	0.009	---	---
ppm Water	ppm ASTM D6304*	>500	94	---	---

OIL ANALYSIS REPORT



FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	533	---	---
Particles >6µm	ASTM D7647	>640	204	---	---
Particles >14µm	ASTM D7647	>160	20	---	---
Particles >21µm	ASTM D7647	>40	3	---	---
Particles >38µm	ASTM D7647	>10	0	---	---
Particles >71µm	ASTM D7647	>3	0	---	---
Oil Cleanliness	ISO 4406 (c)	>19/16/14	16/15/11	---	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.57	---	---

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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	47.5	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	107	---	---

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



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : E30002414
Lab Number : **02642949**
Unique Number : 5800488
Test Package : IND 2 (Additional Tests: KF, KV100, VI)

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 Cobourg, ON
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To discuss this sample report, contact Customer Service at 1-905-372-2251.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.