



OIL ANALYSIS REPORT

Sample Rating Trend

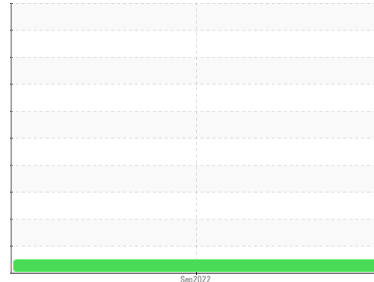
NORMAL



Machine Id
STEER/EISENBEISS MS 90 LINE 2

Component
Gearbox

Fluid
MOBIL MOBILGEAR SHC 320 (--- LTR)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

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		WC0753395	---	---
Sample Date	Client Info		20 Sep 2022	---	---
Machine Age	hrs	Client Info	6220	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		Filtered	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	6	---
Chromium	ppm	ASTM D5185m	>15	0	---
Nickel	ppm	ASTM D5185m	>15	0	---
Titanium	ppm	ASTM D5185m		0	---
Silver	ppm	ASTM D5185m		0	---
Aluminum	ppm	ASTM D5185m	>25	0	---
Lead	ppm	ASTM D5185m	>100	0	---
Copper	ppm	ASTM D5185m	>200	<1	---
Tin	ppm	ASTM D5185m	>25	0	---
Vanadium	ppm	ASTM D5185m		0	---
Cadmium	ppm	ASTM D5185m		0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		118	---
Barium	ppm	ASTM D5185m		0	---
Molybdenum	ppm	ASTM D5185m		0	---
Manganese	ppm	ASTM D5185m		<1	---
Magnesium	ppm	ASTM D5185m		0	---
Calcium	ppm	ASTM D5185m		7	---
Phosphorus	ppm	ASTM D5185m		463	---
Zinc	ppm	ASTM D5185m		<1	---
Sulfur	ppm	ASTM D5185m		12936	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	---
Sodium	ppm	ASTM D5185m		<1	---
Potassium	ppm	ASTM D5185m	>20	0	---

FLUID DEGRADATION

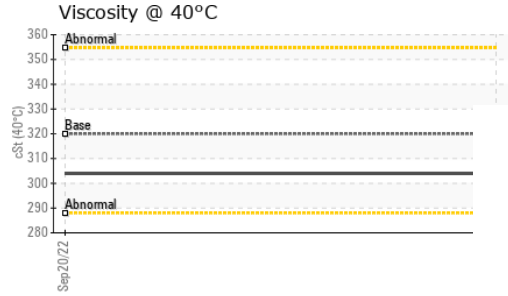
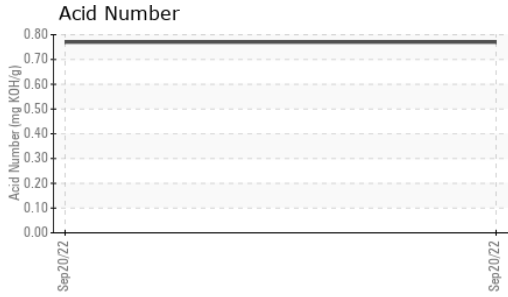
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.77	---

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	>0.2	NEG	---
Free Water	scalar	*Visual		NEG	---



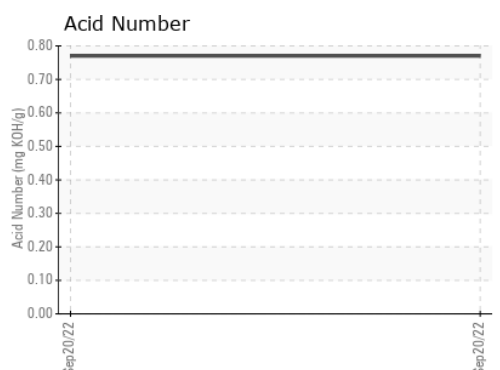
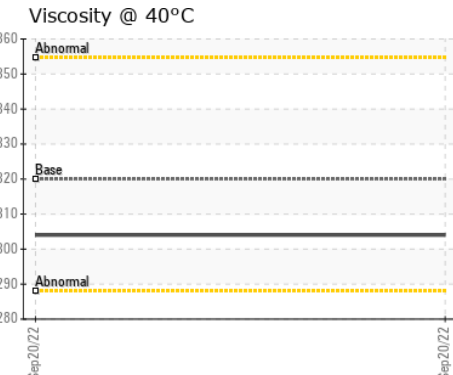
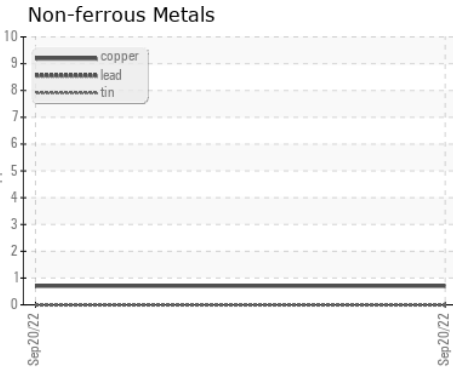
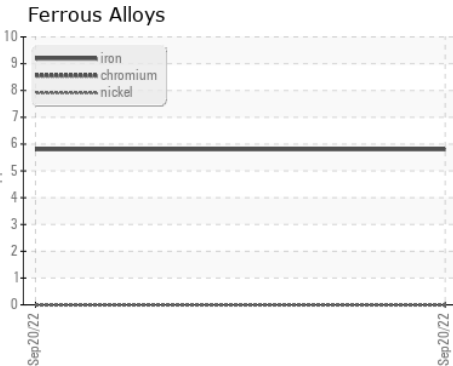
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	320	304	---	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0753395 **Received** : 10 Nov 2022
Lab Number : **05690898** **Diagnosed** : 12 Nov 2022
Unique Number : 10215471 **Diagnostician** : Don Baldrige
Test Package : IND 2

ACTION INDUSTRIAL SUPPLY - HICKORY
 545 20TH STREET SE
 HICKORY, NC
 US 28602
 Contact: JODIE LAFONE
 jodie@actionindsupply.com
 T: (704)878-9991
 F:

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)