

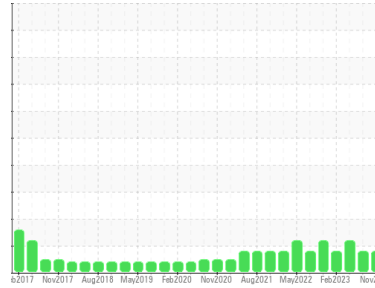


PROBLEM SUMMARY

Sample Rating Trend

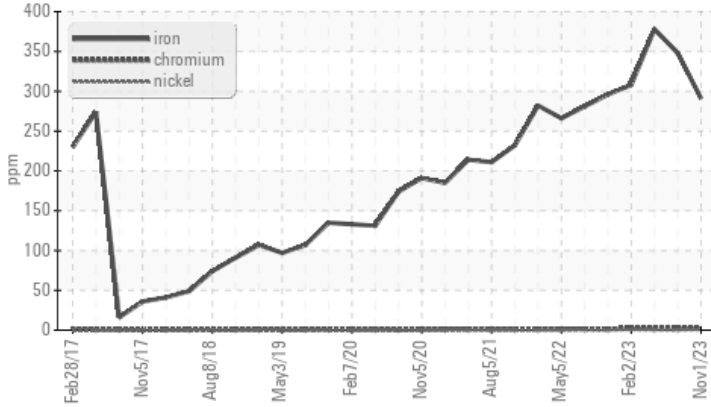
WEAR

Area
CRESLINE PLASTIC PIPE
 Machine Id
DISTRIBUTION 6 - CRESLINE PLASTIC PIPE
 Component
Gearbox
 Fluid
FIRE-RESISTANT FLUID ISO 46 (--- QTS)



COMPONENT CONDITION SUMMARY

▲ Ferrous Alloys



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>200	▲ 291	▲ 348	▲ 378

Customer Id: MOTYOR
 Sample No.: WC0843824
 Lab Number: 05999181
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

02 Aug 2023 Diag: Don Baldrige

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



04 May 2023 Diag: Angela Borella

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



02 Feb 2023 Diag: Don Baldrige

WEAR



No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

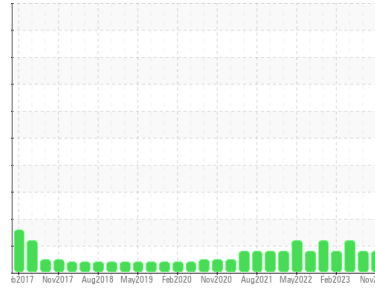
view report





OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Area
CRESLINE PLASTIC PIPE
 Machine Id
DISTRIBUTION 6 - CRESLINE PLASTIC PIPE

Component
Gearbox
 Fluid
FIRE-RESISTANT FLUID ISO 46 (--- QTS)

DIAGNOSIS

▲ Recommendation

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

▲ Wear

Gear wear is indicated. All other 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		WC0843824	WC0844093	WC0802130
Sample Date	Client Info		01 Nov 2023	02 Aug 2023	04 May 2023
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		Not Changed	Not Changd	Not Changed
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	▲ 291	▲ 348	▲ 378
Chromium	ppm	ASTM D5185m >15	2	2	3
Nickel	ppm	ASTM D5185m >15	<1	0	<1
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	<1	<1	0
Lead	ppm	ASTM D5185m >100	<1	0	0
Copper	ppm	ASTM D5185m >200	2	2	2
Tin	ppm	ASTM D5185m >25	0	0	0
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 5	10	12	13
Barium	ppm	ASTM D5185m 5	3	0	0
Molybdenum	ppm	ASTM D5185m 5	62	71	68
Manganese	ppm	ASTM D5185m	3	4	4
Magnesium	ppm	ASTM D5185m 5	0	3	0
Calcium	ppm	ASTM D5185m 50	28	33	39
Phosphorus	ppm	ASTM D5185m 175	202	246	245
Zinc	ppm	ASTM D5185m 62	0	7	0
Sulfur	ppm	ASTM D5185m 500	6302	7436	7326

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	14	15	14
Sodium	ppm	ASTM D5185m	2	4	4
Potassium	ppm	ASTM D5185m >20	2	1	0

FLUID DEGRADATION

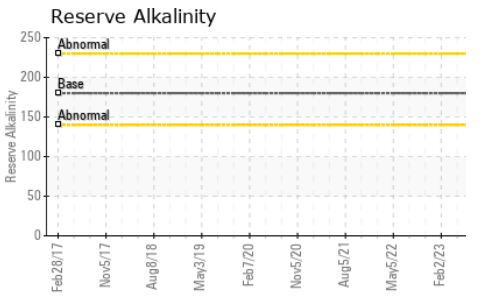
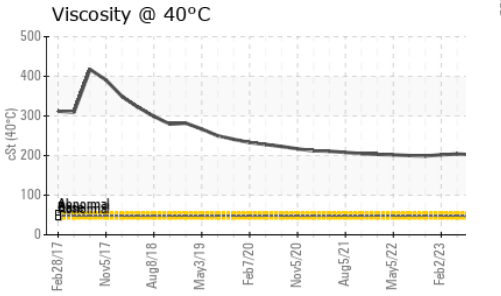
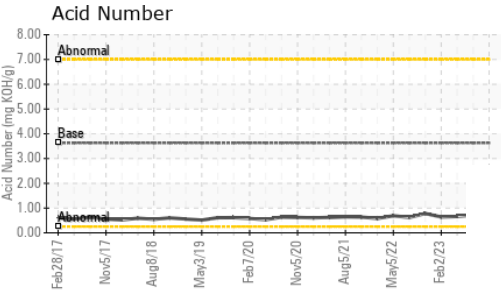
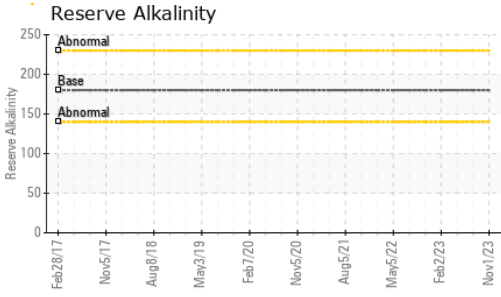
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 3.63	0.63	0.72	0.66

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	MODER	MODER	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	LIGHT	▲ MODER
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 >55	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT

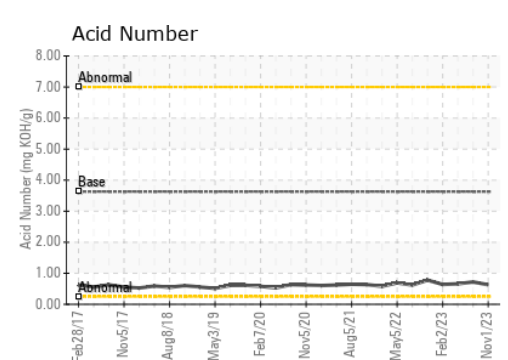
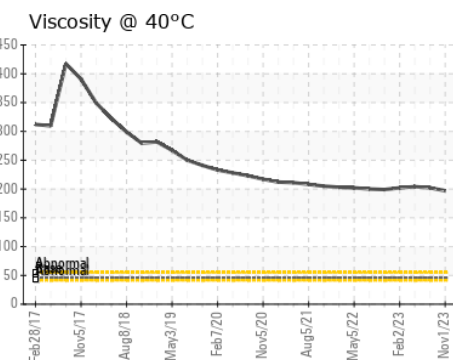
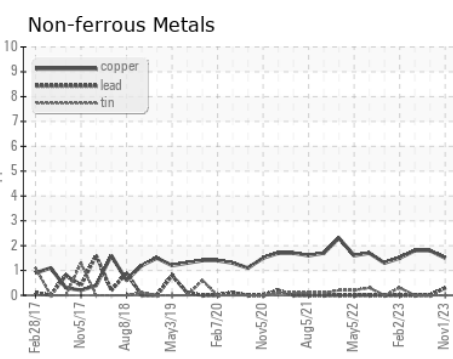
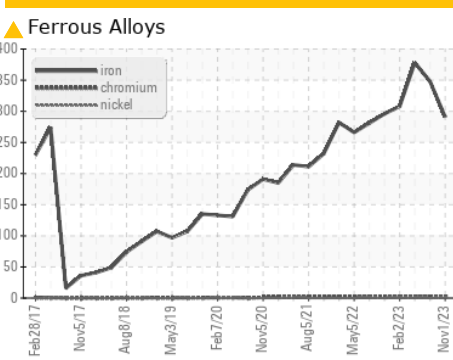


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	197	202	204

SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0843824 **Received** : 06 Nov 2023
Lab Number : 05999181 **Diagnosed** : 07 Nov 2023
Unique Number : 10727541 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF, pH, ReserveAlk)

MOTOR TECHNOLOGY INC
 515 WILLOW SPRINGS LN
 YORK, PA
 US 17406
 Contact: Bill Trimmer
 btrimmer@motortechinc.com
 T: (717)266-4045
 F:

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)