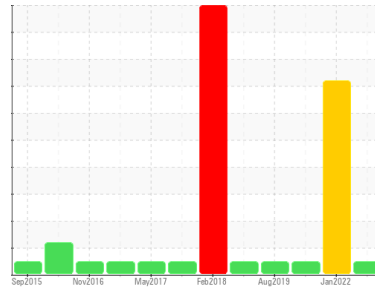




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
501 65MM (S/N 2344147)
 Component
Gearbox
 Fluid
GEAR OIL ISO 320 (10 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please note that this is a corrected copy for sample images.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0870880	WC0577856	WC1107218
Sample Date	Client Info			16 May 2024	09 Jan 2022	17 Oct 2019
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		0	0	2
Oil Changed	Client Info			N/A	N/A	Not Changd
Sample Status				NORMAL	SEVERE	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.2	NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	99	▲ 3225	52
Chromium	ppm	ASTM D5185m	>15	1	▲ 49	<1
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	1	2	0
Lead	ppm	ASTM D5185m	>100	<1	3	<1
Copper	ppm	ASTM D5185m	>200	4	15	1
Tin	ppm	ASTM D5185m	>25	<1	3	<1
Antimony	ppm	ASTM D5185m	>5	---	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0

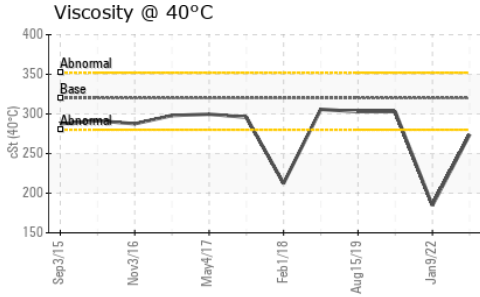
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	3	20	8
Barium	ppm	ASTM D5185m	15	0	0	0
Molybdenum	ppm	ASTM D5185m	15	<1	4	0
Manganese	ppm	ASTM D5185m		1	32	<1
Magnesium	ppm	ASTM D5185m	50	<1	0	0
Calcium	ppm	ASTM D5185m	50	0	<1	12
Phosphorus	ppm	ASTM D5185m	350	417	385	215
Zinc	ppm	ASTM D5185m	100	12	8	0
Sulfur	ppm	ASTM D5185m	12500	3258	7443	5024

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2	24	3
Sodium	ppm	ASTM D5185m		<1	<1	0
Potassium	ppm	ASTM D5185m	>20	2	0	0

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



OIL ANALYSIS REPORT



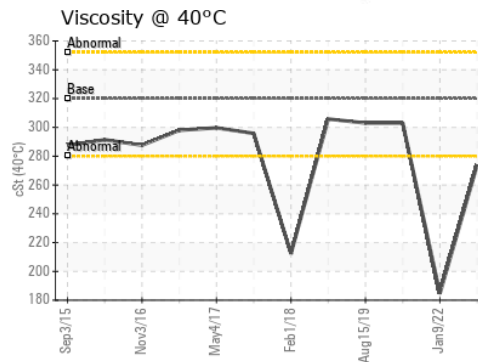
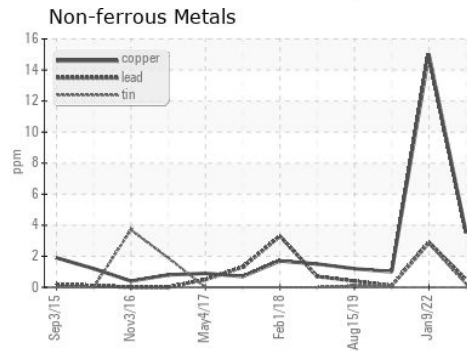
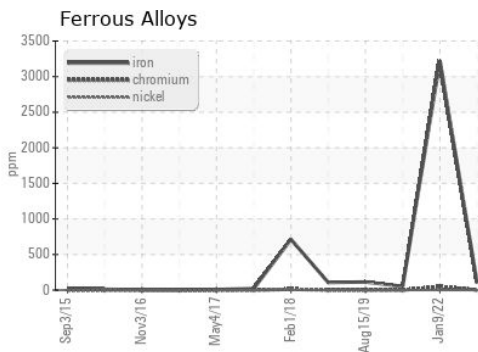
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445 320	274	184.7	303

SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				
Bottom				

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0870880
Lab Number : 06185396
Unique Number : 11036722
Test Package : IND 1
Received : 20 May 2024
Tested : 21 May 2024
Diagnosed : 24 May 2024 - Doug Bogart

HILEX POLY
 2800 SPROUSE DR
 RICHMOND, VA
 US 23231

Contact: MELVERN WILLIAMS
 melvern.williams@novolex.com

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)

T: (804)222-2012

F: (804)222-2050