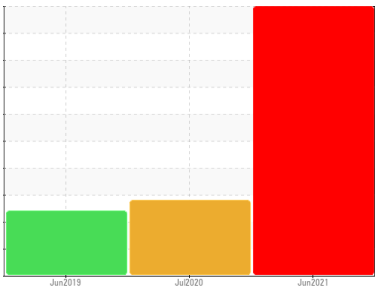
OIL ANALYSIS REPORT

Sample Rating Trend



WEAR

Area
60
Machine Id
[60] A60 FAN 5
Component
Non-Drive End Grease
Fluid
LUBRIPLATE 1241 (--- GAL)

DIAGNOSIS

Recommendation
The grease change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Wear
Bearing and/or bushing wear is indicated.

Grease Condition
The condition of the grease is acceptable for the time in service. The grease is no longer serviceable as a result of the abnormal and/or severe wear.

Contaminants
There is no indication of any contamination in the grease.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**HPL008184**	HPL010063	HPL010687
Sample Date		Client Info		**23 Jun 2021**	08 Jul 2020	12 Jun 2019
Machine Age	hrs	Client Info		**0**	0	0
Grease Age	hrs	Client Info		**0**	0	0
Grease Serviced		Client Info		**Changed**	N/A	Changed
Sample Status				**SEVERE**	ABNORMAL	MARGINAL

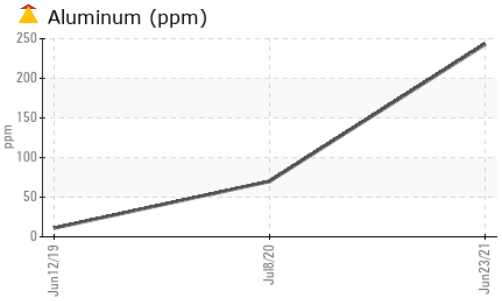
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	⬢ **1556**	▲ 314	282
Iron	ppm	ASTM D5185m	>250	⬢ **2586**	▲ 1108	▲ 1063
Chromium	ppm	ASTM D5185m	>10	▲ **17**	9	8
Nickel	ppm	ASTM D5185m	>5	**2**	<1	0
Titanium	ppm	ASTM D5185m		**<1**	2	<1
Silver	ppm	ASTM D5185m	>5	⬢ **56**	<1	1
Aluminum	ppm	ASTM D5185m		▲ **243**	70	11
Lead	ppm	ASTM D5185m	>25	**3**	2	6
Copper	ppm	ASTM D5185m	>75	**13**	5	4
Tin	ppm	ASTM D5185m	>5	**<1**	<1	0
Antimony	ppm	ASTM D5185m	>25	**1505**	1933	3370
Vanadium	ppm	ASTM D5185m		**<1**	<1	0
Cadmium	ppm	ASTM D5185m		**2**	0	5

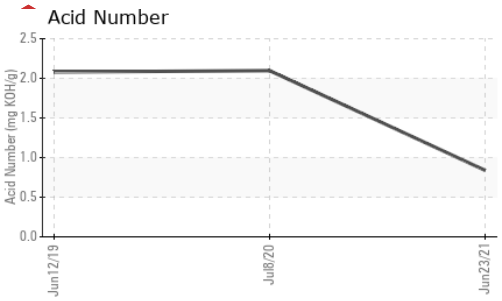
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		**209**	249	0
Barium	ppm	ASTM D5185m		**4**	1	0
Molybdenum	ppm	ASTM D5185m		**3**	2	0
Manganese	ppm	ASTM D5185m		**14**	6	5
Magnesium	ppm	ASTM D5185m		**7**	6	0
Calcium	ppm	ASTM D5185m		**81**	37	163
Phosphorus	ppm	ASTM D5185m		**1902**	2085	3497
Zinc	ppm	ASTM D5185m		**23018**	31959	48591
Sulfur	ppm	ASTM D5185m		**6113**	7486	13172
Lithium	ppm	ASTM D5185m		**757**	---	---

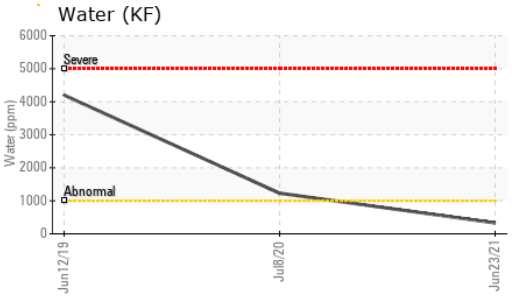
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	**35**	49	67
Sodium	ppm	ASTM D5185m		**9**	13	4
Potassium	ppm	ASTM D5185m	>20	**<1**	1	0
Water	%	ASTM D6304	>0.1	**0.033**	0.123	▲ 0.420
ppm Water	ppm	ASTM D6304	>1000	**330**	1230	▲ 4200

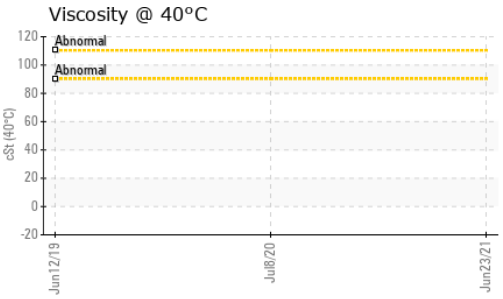
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		**0.839**	2.097	2.08

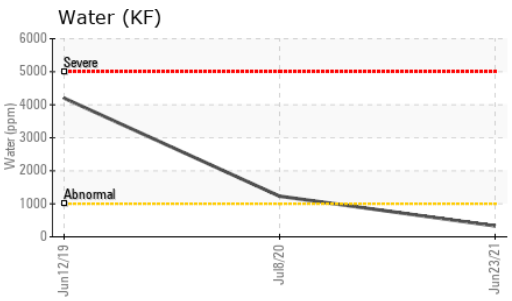
OIL ANALYSIS REPORT



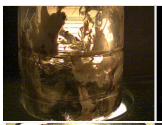
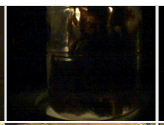
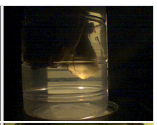
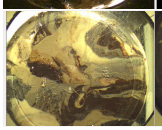




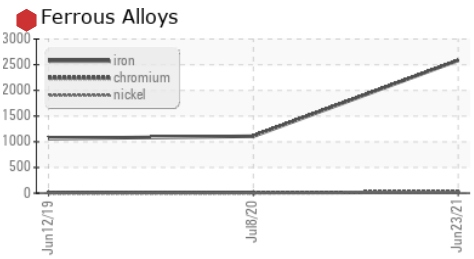


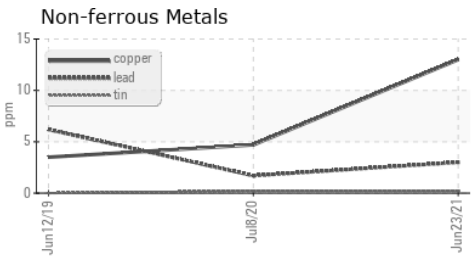


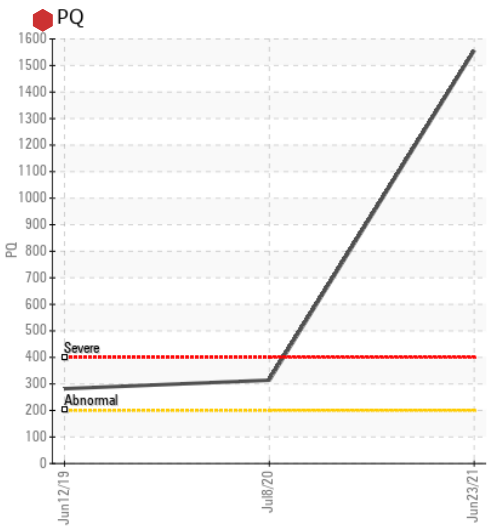
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Appearance	scalar	*Visual	NORML	**NORML**	NORML	NORML
Odor	scalar	*Visual	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	**NEG**	NEG	NEG
Free Water	scalar	*Visual		**NEG**	NEG	NEG

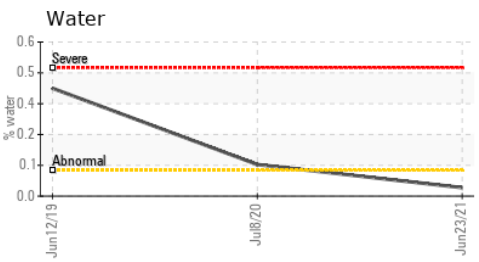
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS









Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : HPL008184 **Received** : 29 Jun 2021
Lab Number : 05290950 **Diagnosed** : 01 Jul 2021
Unique Number : 9564905 **Diagnostician** : Doug Bogart
Test Package : MOB 2 (Additional Tests: KF, PQ, PrtCount)

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)

KENSING
2525 S KENSINGTON RD
KANKAKEE, IL
US 60901
Contact: TIM HUBERT
timothy.hubert@kensingsolutions.com
T: (815)939-8918
F: x: