

GREASE ANALYSIS

Sample Rating Trend



Machine Id

FL 402-139-00 IV (S/N 20608582)

Component Top Grease Fluic

ROYAL PURPLE THERMAX 680 GREASE (--- GAL)

Recommendation

No corrective action is recommended at this time. Please submit a sample of the new (unused) oil to establish a baseline.

Wear

All component wear rates are normal.

Grease Condition

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

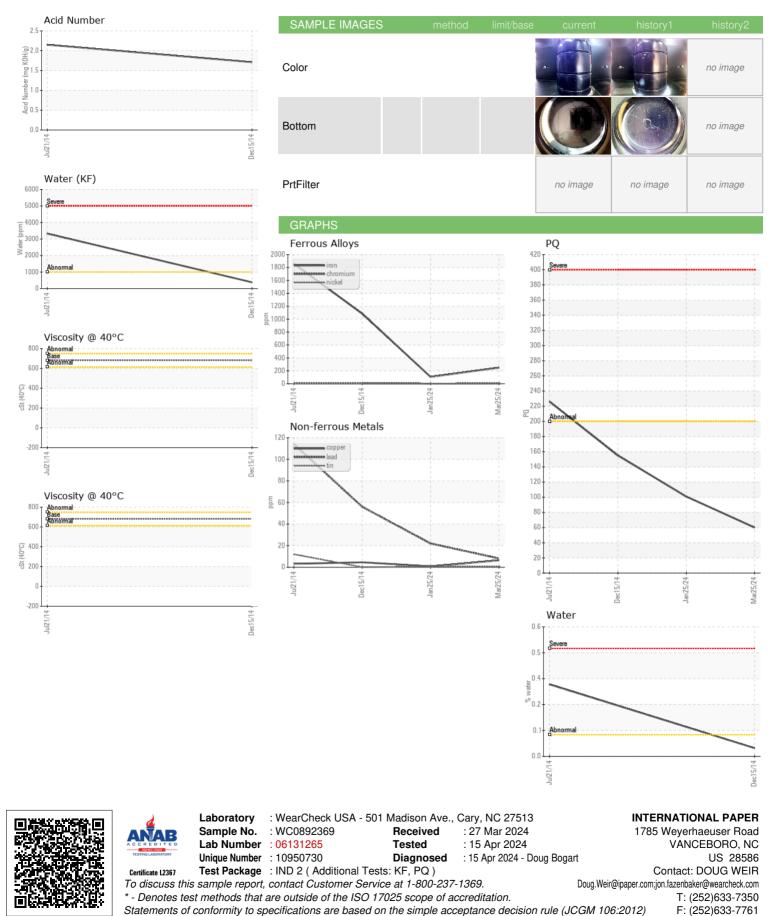
Contaminants

There is no indication of any contamination in the grease.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0892369	RP0008389	RP158396
Sample Date		Client Info		25 Mar 2024	25 Jan 2024	15 Dec 2014
Machine Age	mths	Client Info		0	0	15
Grease Age	mths	Client Info		0	0	15
Grease Serviced		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	60	101	155
Iron	ppm	ASTM D5185m	>250	249	106	<u> </u>
Chromium	ppm	ASTM D5185m	>10	3	1	5
Nickel	ppm	ASTM D5185m	>5	12	<1	0
Cadmium	ppm	ASTM D5185m		<1	<1	0
Titanium	ppm	ASTM D5185m		7	3	<u> </u>
Vanadium	ppm	ASTM D5185m		1	<1	<1
Lead	ppm	ASTM D5185m	>25	8	22	<u> </u>
Copper	ppm	ASTM D5185m	>75	6	<1	5
Tin	ppm	ASTM D5185m	>5	<1	<1	0
Silver	ppm	ASTM D5185m	>5	0	<1	1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2	493	46
Magnesium	ppm	ASTM D5185m		3	1	467
Manganese	ppm	ASTM D5185m		3	2	4
Molybdenum	ppm	ASTM D5185m		6	4	27
Phosphorus	ppm	ASTM D5185m		564	284	134
Zinc	ppm	ASTM D5185m		411	180	1250
Antimony	ppm	ASTM D5185m				1668
THICKENER/SOA	νP	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		8096	5873	4 9795
Barium	ppm	ASTM D5185m		0	0	0
Calcium	ppm	ASTM D5185m		107	67	528
Sodium	ppm	ASTM D5185m		124	6	42
Lithium	ppm	ASTM D5185m			20	
Sulfur	ppm	ASTM D5185m		29644	14277	16065
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	9482	7317	A 7158
Potassium	ppm	ASTM D5185m		8	2	24
Water	%	ASTM D6304	>0.1	NEG	NEG	0.038
ppm Water	ppm	ASTM D6304	>1000			380



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 Electronic
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

 Report Id: WEYNEW [WUSCAR] 06131265 (Generated: 04/15/2024 21:49:54) Rev: 1
 Contact/Location: Definition of the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: DOUG WEIR - WEYNEW

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