



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
5005-PR03-GRAN22
 Component
Fixed Gearbox
 Fluid
GEAR OIL ISO 220 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

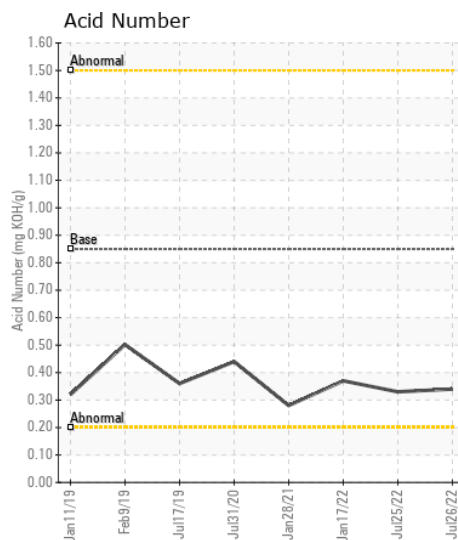
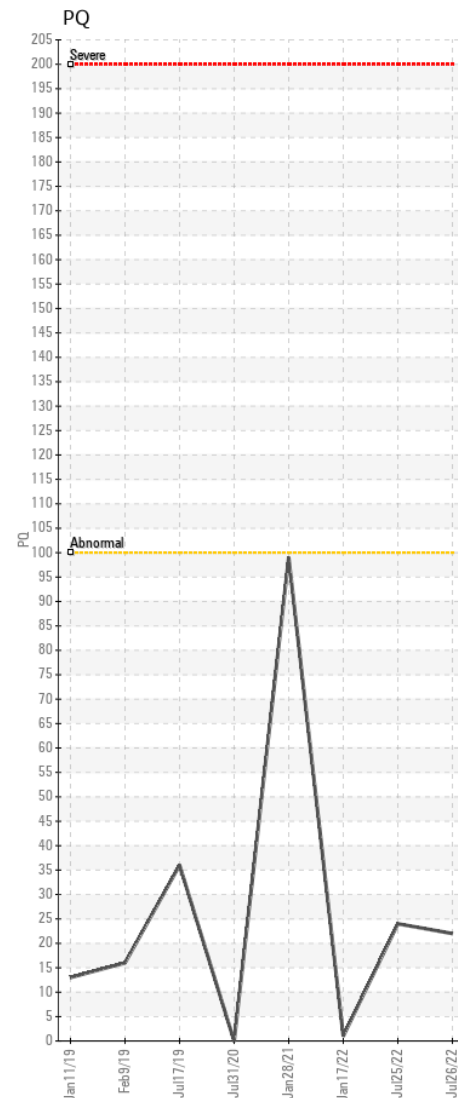
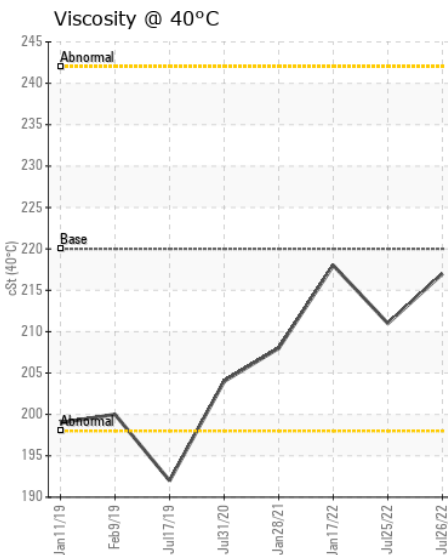
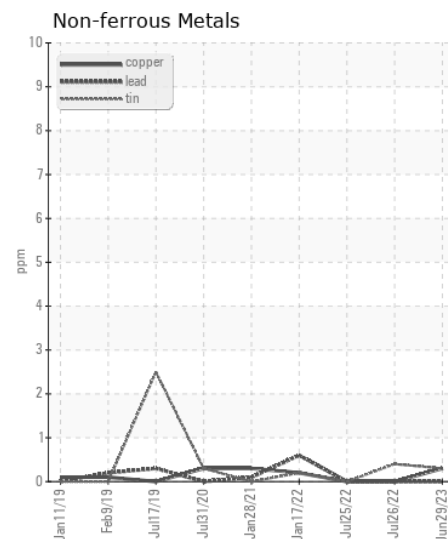
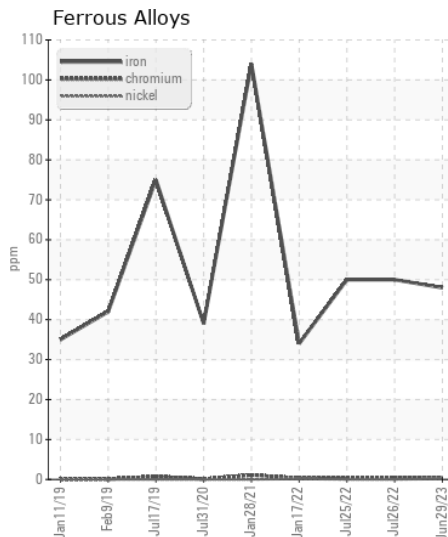
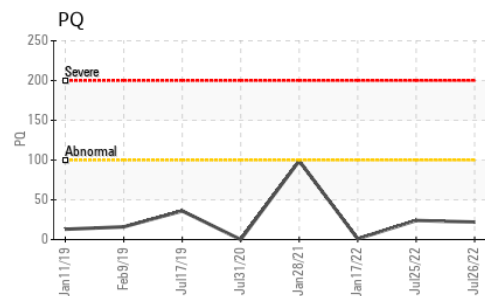
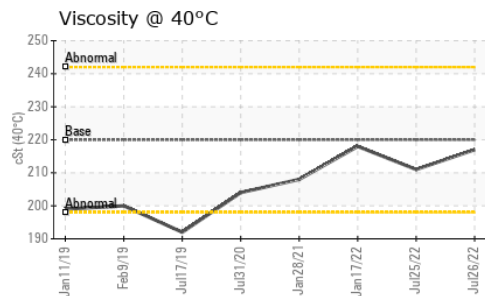
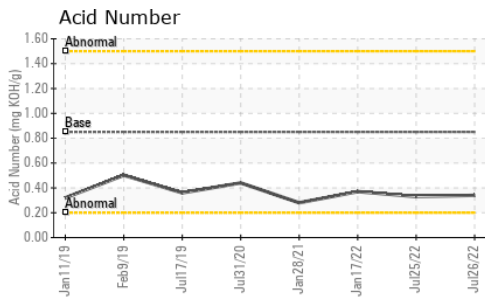
CONTAMINATION

Insufficient sample was received to conduct all the routine laboratory tests. There is no indication of any contamination in the component(unconfirmed).

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0031471	CB0031085	CB0031086
Sample Date		Client Info		29 Jun 2023	26 Jul 2022	25 Jul 2022
Machine Age	days	Client Info		0	0	0
Oil Age	days	Client Info		0	0	0
Filter Age	days	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PQ		ASTM D8184*		---	22	24
Iron	ppm	ASTM D5185(m)	>200	48	50	50
Chromium	ppm	ASTM D5185(m)	>15	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>15	<1	0	0
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>100	0	0	0
Copper	ppm	ASTM D5185(m)	>200	<1	0	0
Tin	ppm	ASTM D5185(m)	>25	<1	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>50	1	2	2
Potassium	ppm	ASTM D5185(m)	>20	3	3	7
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	VLITE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	---	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<1	<1	1
Boron	ppm	ASTM D5185(m)	50	30	8	8
Barium	ppm	ASTM D5185(m)	15	3	5	7
Molybdenum	ppm	ASTM D5185(m)	15	0	0	0
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	50	<1	<1	<1
Calcium	ppm	ASTM D5185(m)	50	3	2	5
Phosphorus	ppm	ASTM D5185(m)	350	318	155	218
Zinc	ppm	ASTM D5185(m)	100	12	9	9
Sulfur	ppm	ASTM D5185(m)	12500	7709	6286	9634
Acid Number (AN)	mg KOH/g	ASTM D974*	0.85	---	0.34	0.33
Visc @ 40°C	cSt	ASTM D7279(m)	220	---	217	211



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0031471
Lab Number : 02569519
Unique Number : 5606565
Test Package : IND 2
Received : 12 Jul 2023
Tested : 13 Jul 2023
Diagnosed : 13 Jul 2023 - Kevin Marson

Synovos/Apotex
 50 Steinway Blvd.
 Etobicoke, ON
 CA M9W 6Y3
 Contact: Emmanuel Okelue
 eokelue@apotex.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.