



OIL ANALYSIS REPORT

WEAR	SEVERE
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
SC.AN
Machine Id
5501-SNN-001
Component
Gearbox
Fluid
Mobilgear 629 (40 LTR)

RECOMMENDATION

Nous vous recommandons de vidanger l'huile de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

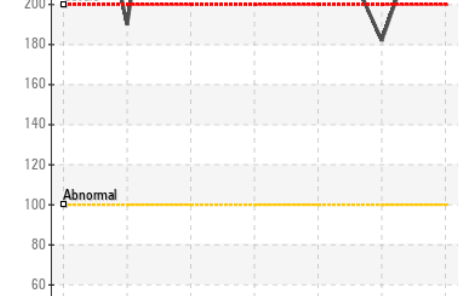
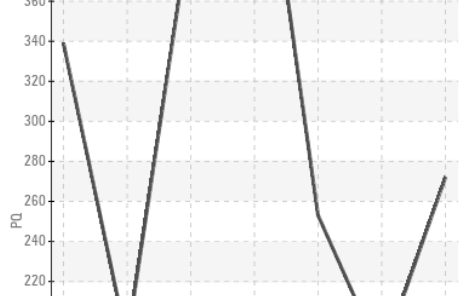
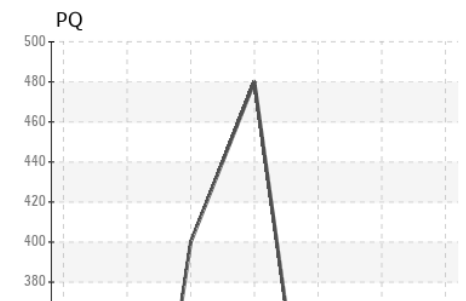
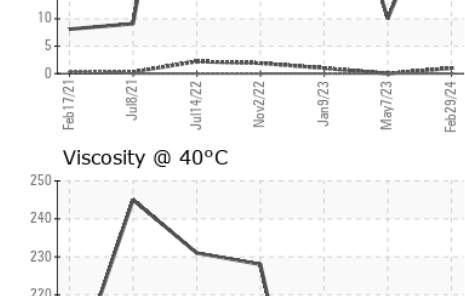
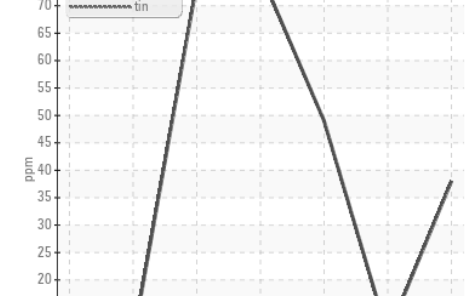
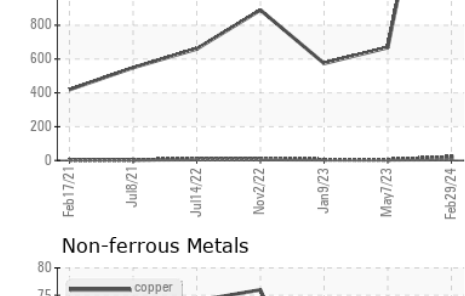
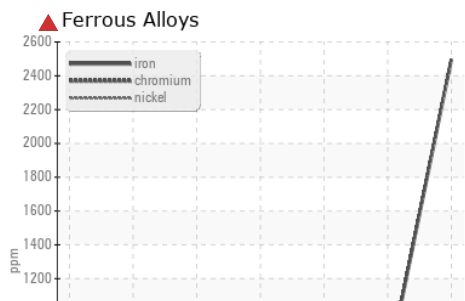
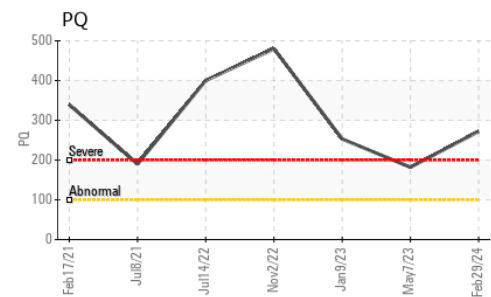
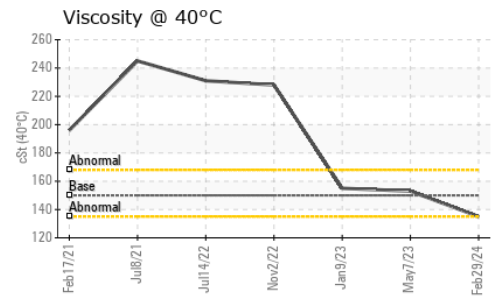
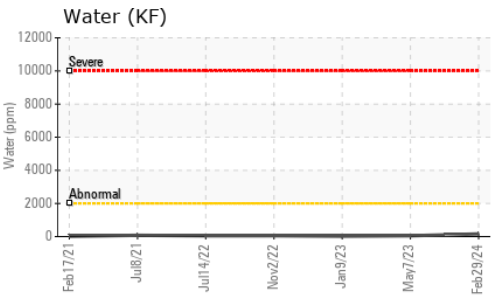
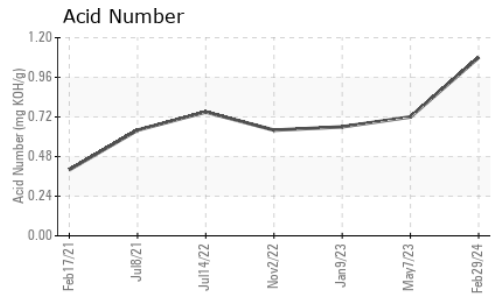
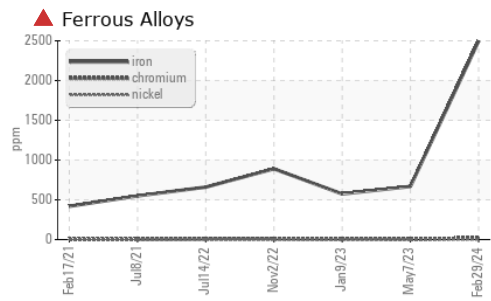
CONTAMINATION

La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans l'huile.

FLUID CONDITION

Le AN est acceptable pour ce fluide. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0902382	WC0767685	WC0681545
Sample Date		Client Info		29 Feb 2024	07 May 2023	09 Jan 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	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				SEVERE	ABNORMAL	SEVERE
PQ		ASTM D8184*		272	182	253
Iron	ppm	ASTM D5185(m)	>200	▲ 2497	▲ 668	▲ 574
Chromium	ppm	ASTM D5185(m)	>15	▲ 21	4	5
Nickel	ppm	ASTM D5185(m)	>15	2	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	<1
Silver	ppm	ASTM D5185(m)		0	0	0
Aluminum	ppm	ASTM D5185(m)	>25	3	2	2
Lead	ppm	ASTM D5185(m)	>100	1	0	1
Copper	ppm	ASTM D5185(m)	>200	38	10	49
Tin	ppm	ASTM D5185(m)	>25	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>50	18	9	8
Potassium	ppm	ASTM D5185(m)	>20	1	<1	<1
Water	%	ASTM D6304*	>0.2	0.016	0.004	0.002
ppm Water	ppm	ASTM D6304*	>2000	162	48.1	15.6
Silt	scalar	Visual*	NONE	VLITE	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*	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185(m)		2	1	<1
Boron	ppm	ASTM D5185(m)		25	8	8
Barium	ppm	ASTM D5185(m)		0	2	1
Molybdenum	ppm	ASTM D5185(m)		0	0	0
Manganese	ppm	ASTM D5185(m)		12	6	5
Magnesium	ppm	ASTM D5185(m)		1	2	<1
Calcium	ppm	ASTM D5185(m)		1	1	5
Phosphorus	ppm	ASTM D5185(m)		334	327	● 379
Zinc	ppm	ASTM D5185(m)		33	64	● 68
Sulfur	ppm	ASTM D5185(m)		14286	13099	● 13940
Acid Number (AN)	mg KOH/g	ASTM D974*		1.08	0.72	0.66
Visc @ 40°C	cSt	ASTM D7279(m)	150	135	153	▲ 155



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0902382
Lab Number : 02619411
Unique Number : 5736521
Test Package : IND 2 (Additional Tests: KF, TAN Man)
Received : 01 Mar 2024
Tested : 04 Mar 2024
Diagnosed : 04 Mar 2024 - Kevin Marson

RTA - ALMA
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 ALMA, QC
 CA G8B 6T3
 Contact: Guy Dufour
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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.