



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

BENSON GROUP

Identité de la machine

ELEMENT X 80W90

Composant

Huile (inutilisée) neuve

Fluid

ELEMENT X 80W90 (--- GAL)

RECOMMENDATION

This is the baseline readout on this new (unused) oil. The fluid is suitable for service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		ASF0000463	---	---
Date d'échant.		Client Info		17 Jun 2024	---	---
Âge d la Machine	hrs	Client Info		0	---	---
Âge de l'huile	hrs	Client Info		0	---	---
Âge du filtre	hrs	Client Info		0	---	---
Huile changée		Client Info		N/A	---	---
Filtre changé		Client Info		N/A	---	---
Statut de l'échant.				NORMAL	---	---

USURE

{not applicable}

Fer	ppm	ASTM D5185(m)		0	---	---
Chrome	ppm	ASTM D5185(m)		0	---	---
Nickel	ppm	ASTM D5185(m)		<1	---	---
Titane	ppm	ASTM D5185(m)		0	---	---
Argent	ppm	ASTM D5185(m)		0	---	---
Aluminium	ppm	ASTM D5185(m)		0	---	---
Plomb	ppm	ASTM D5185(m)		0	---	---
Cuivre	ppm	ASTM D5185(m)		0	---	---
Étain	ppm	ASTM D5185(m)		<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

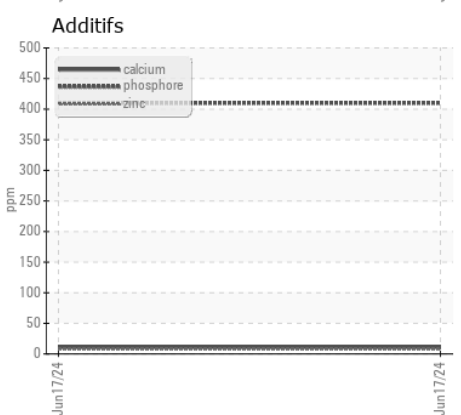
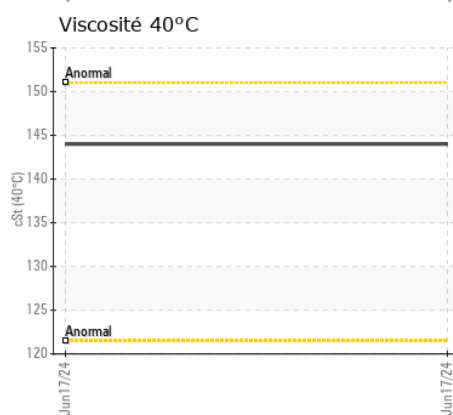
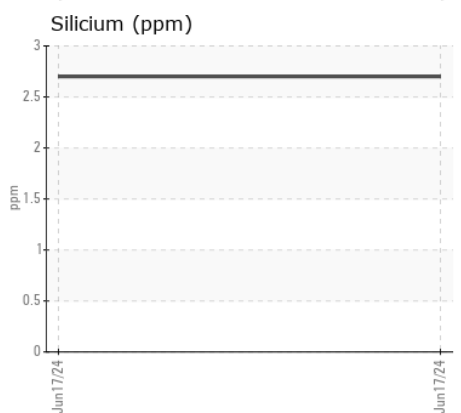
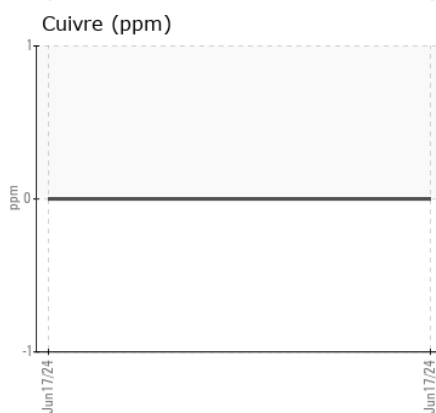
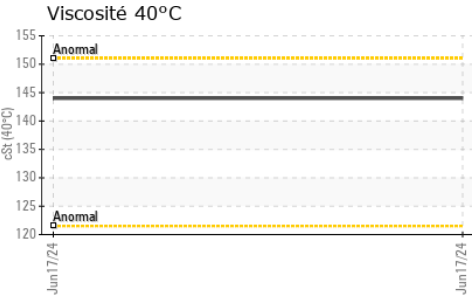
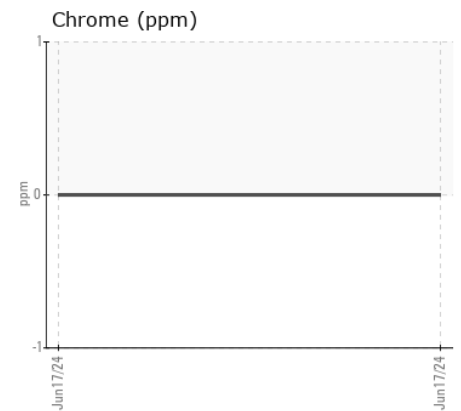
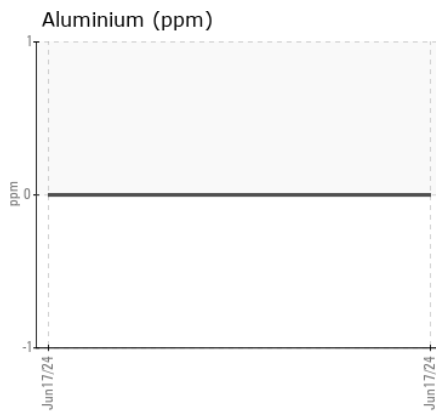
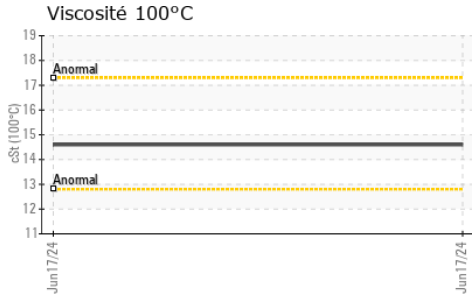
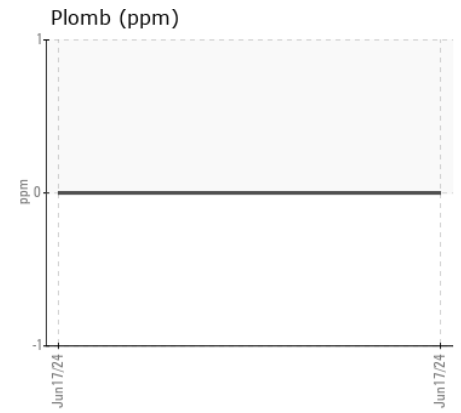
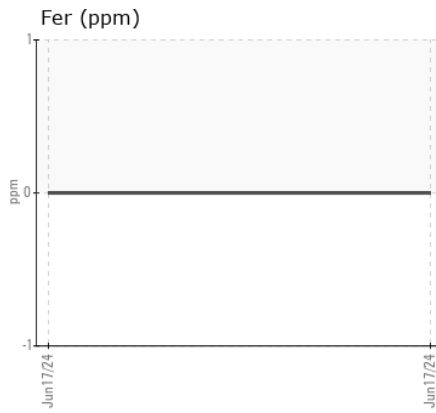
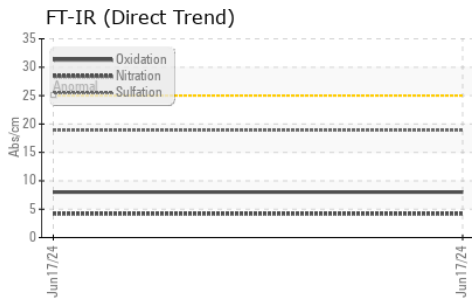
There is no indication of any contamination in the new (unused) oil.

Silicium	ppm	ASTM D5185(m)		3	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
L'eau		WC Method		NEG	---	---
% de suie	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		4.2	---	---
Sulfatation	Abs/.1mm	ASTM D7415*		18.9	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	NONE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	NORML	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*		NEG	---	---

ÉTAT DU FLUIDE

The condition of the oil is suitable for service.

Sodium	ppm	ASTM D5185(m)		<1	---	---
Bore	ppm	ASTM D5185(m)		7	---	---
Baryum	ppm	ASTM D5185(m)		0	---	---
Molybdène	ppm	ASTM D5185(m)		0	---	---
Manganèse	ppm	ASTM D5185(m)		0	---	---
Magnésium	ppm	ASTM D5185(m)		2	---	---
Calcium	ppm	ASTM D5185(m)		11	---	---
Phosphore	ppm	ASTM D5185(m)		410	---	---
Zinc	ppm	ASTM D5185(m)		8	---	---
Soufre	ppm	ASTM D5185(m)		15910	---	---
Oxydation	Abs/.1mm	ASTM D7414*		8.0	---	---
Visc 40°C	cSt	ASTM D7279(m)		144	---	---
Visc 100°C	cSt	ASTM D7279(m)		14.6	---	---
Indice de viscosité (VI)	Scale	ASTM D2270*		99	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : ASF0000463 **Reçu** : 28 Jun 2024
N° de laboratoire : 02644574 **Tested** : 10 Jul 2024
Numéro unique : 5802113 **Diagnostic** : 10 Jul 2024 - Kevin Marson
Analyse : MOB 1 (Additional Tests: FT-IR, ICP-NewOil, KV100, VI)

BENSON GROUP
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 CORNWALL, ON
 CA K6H 6B8
 Contact: Service Manager

Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.

T:
F: