



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	ANORMAL
ÉTAT DU FLUIDE	NORMAL

Secteur

[203266]

Identité de la machine

TAPV-ISS 2143

Composant

Moteur diesel

Fluide

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		CU0020988	---	---
Date d'échant.		Client Info		03 Aug 2023	---	---
Âge d la Machine	hrs	Client Info		139	---	---
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.				ABNORMAL	---	---

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>90	21	---	---
Chrome	ppm	ASTM D5185(m)	>20	0	---	---
Nickel	ppm	ASTM D5185(m)	>2	1	---	---
Titane	ppm	ASTM D5185(m)	>2	<1	---	---
Argent	ppm	ASTM D5185(m)	>2	<1	---	---
Aluminium	ppm	ASTM D5185(m)	>20	37	---	---
Plomb	ppm	ASTM D5185(m)	>40	1	---	---
Cuivre	ppm	ASTM D5185(m)	>330	5	---	---
Étain	ppm	ASTM D5185(m)	>15	3	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
Métal blanc	scalar	Visual*	NONE	NONE	---	---
Bronze	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

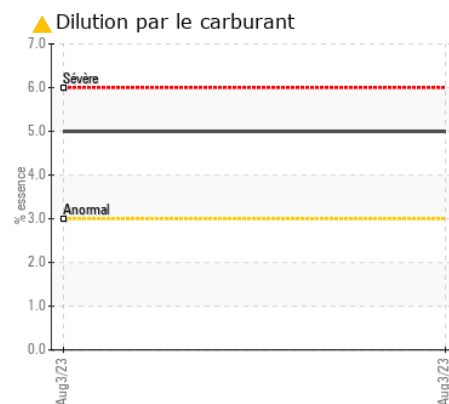
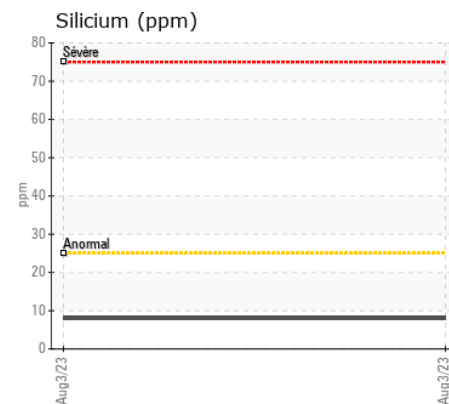
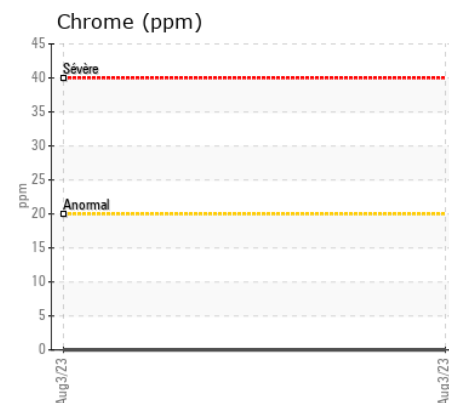
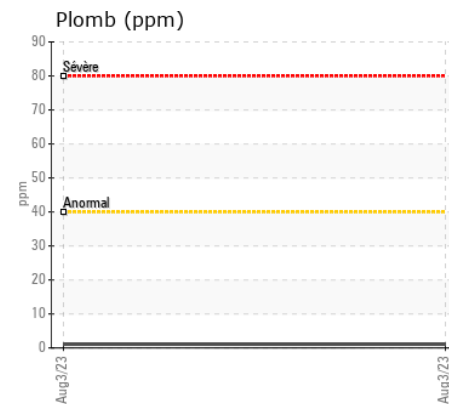
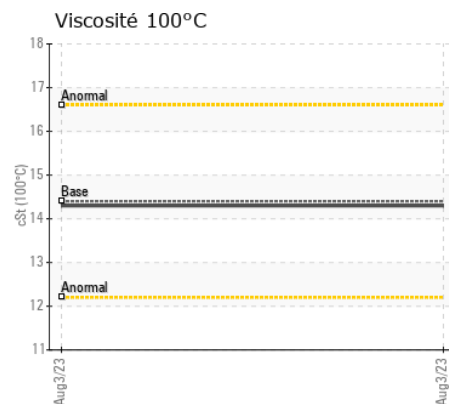
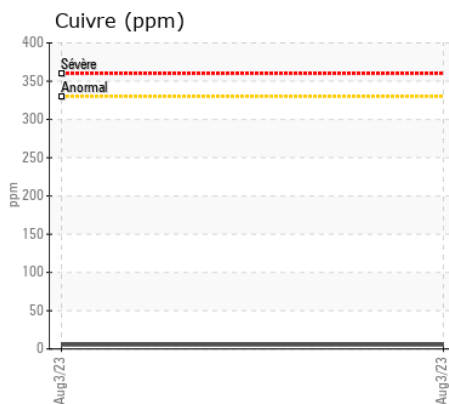
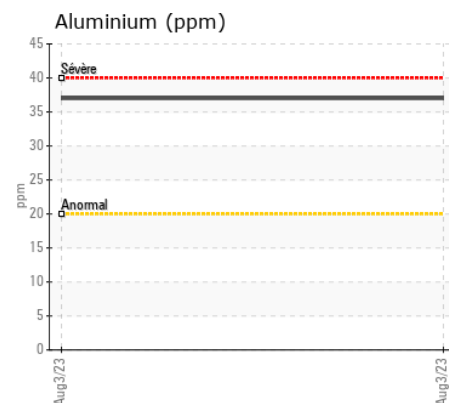
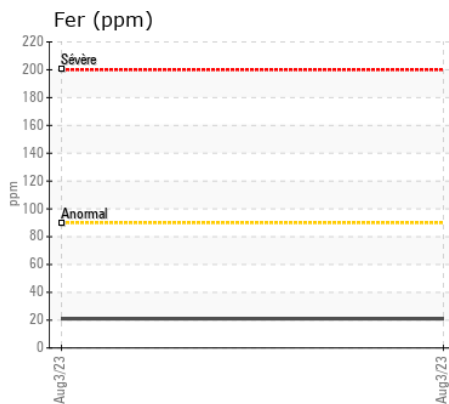
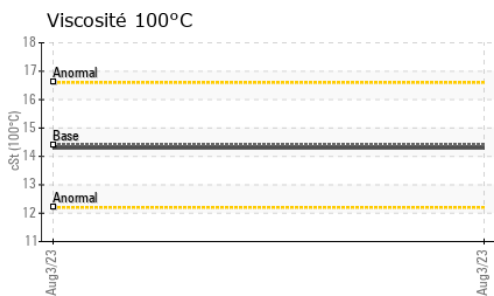
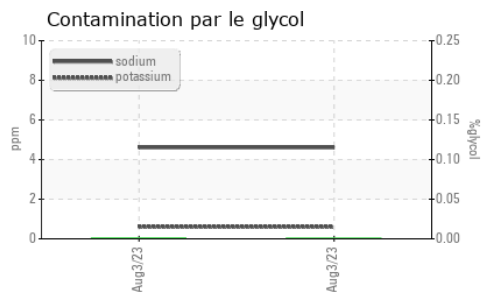
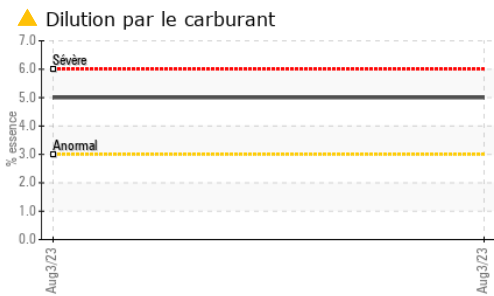
There is a moderate amount of fuel present in the oil. Free water present. Test for glycol is negative. Tests confirm the presence of fuel in the oil.

Silicium	ppm	ASTM D5185(m)	>25	8	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---
Essence	%	ASTM D7593*	>3.0	▲ 5	---	---
Glycol	%	ASTM D7922*		0.0	---	---
% de suie	%	ASTM D7844*	>6	0	---	---
Nitration	Abs/cm	ASTM D7624*	>20	4.4	---	---
Sulfatation	Abs/.1mm	ASTM D7415*	>30	16.1	---	---
Limon	scalar	Visual*	NONE	NONE	---	---
Débris	scalar	Visual*	NONE	VLITE	---	---
Saleté	scalar	Visual*	NONE	NONE	---	---
Apparence	scalar	Visual*	NORML	▲ WGOIL	---	---
Odeur	scalar	Visual*	NORML	NORML	---	---
Eau émulsifiée	scalar	Visual*	>0.2	.2%	---	---

ÉTAT DU FLUIDE

The oil is no longer serviceable due to the presence of contaminants.

Sodium	ppm	ASTM D5185(m)	>158	5	---	---
Bore	ppm	ASTM D5185(m)	250	2	---	---
Baryum	ppm	ASTM D5185(m)	10	0	---	---
Molybdène	ppm	ASTM D5185(m)	100	6	---	---
Manganèse	ppm	ASTM D5185(m)		<1	---	---
Magnésium	ppm	ASTM D5185(m)	450	88	---	---
Calcium	ppm	ASTM D5185(m)	3000	2725	---	---
Phosphore	ppm	ASTM D5185(m)	1150	1105	---	---
Zinc	ppm	ASTM D5185(m)	1350	1192	---	---
Soufre	ppm	ASTM D5185(m)	4250	3851	---	---
Oxydation	Abs/.1mm	ASTM D7414*	>25	11.0	---	---
Visc 100°C	cSt	ASTM D7279(m)	14.4	14.3	---	---



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : CU0020988 **Reçu** : 08 Aug 2023
N° de laboratoire : 02574464 **Diagnostiqué** : 09 Aug 2023
Numéro unique : 5619515 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: FuelDilution, Glycol, PercentFuel, Visual)

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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.