



RAPPORT D'ANALYSE D'HUILE

USURE	NORMAL
CONTAMINATION	NORMAL
ÉTAT DU FLUIDE	NORMAL

Identité de la machine

10G01A Zodiac 733

Composant

Moteur diesel

Fluid

VALVOLINE PREMIUM BLUE EXTREME 5W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Numéro d'échant.		Client Info		WC0878516	WC0751421	WC0751403
Date d'échant.		Client Info		20 Mar 2024	25 Oct 2023	14 Apr 2023
Âge d la Machine	hrs	Client Info		330	0	190
Âge de l'huile	hrs	Client Info		0	0	0
Âge du filtre	hrs	Client Info		0	0	0
Huile changée		Client Info		N/A	Not Changd	N/A
Filtre changé		Client Info		N/A	N/A	N/A
Statut de l'échant.				NORMAL	NORMAL	NORMAL

USURE

Metal levels are typical for a new component breaking in.

Fer	ppm	ASTM D5185(m)	>80	22	13	5
Chrome	ppm	ASTM D5185(m)	>6	<1	<1	0
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titane	ppm	ASTM D5185(m)	>2	0	0	0
Argent	ppm	ASTM D5185(m)	>2	0	<1	0
Aluminium	ppm	ASTM D5185(m)	>20	2	2	1
Plomb	ppm	ASTM D5185(m)	>95	<1	1	<1
Cuivre	ppm	ASTM D5185(m)	>85	2	2	<1
Étain	ppm	ASTM D5185(m)	>9	<1	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
Métal blanc	scalar	Visual*	NONE	NONE	NONE	VLITE
Bronze	scalar	Visual*	NONE	VLITE	NONE	NONE

CONTAMINATION

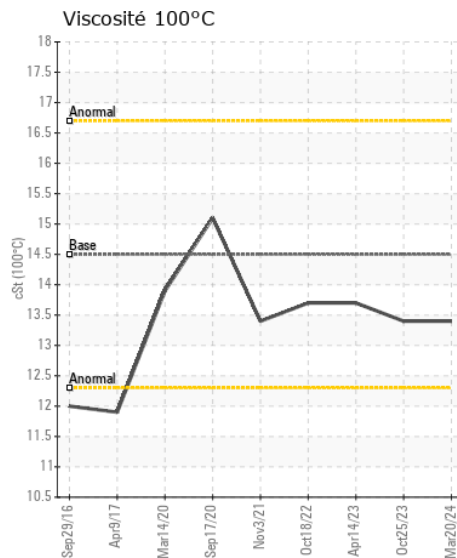
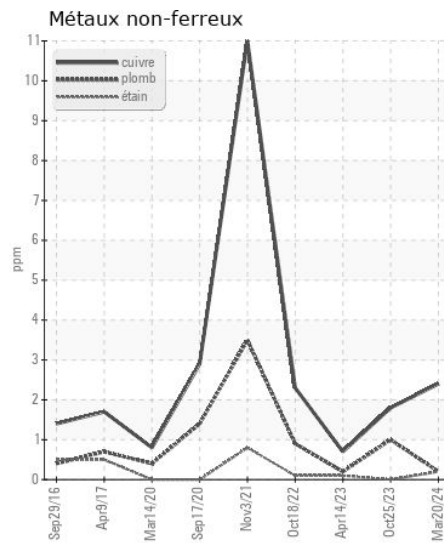
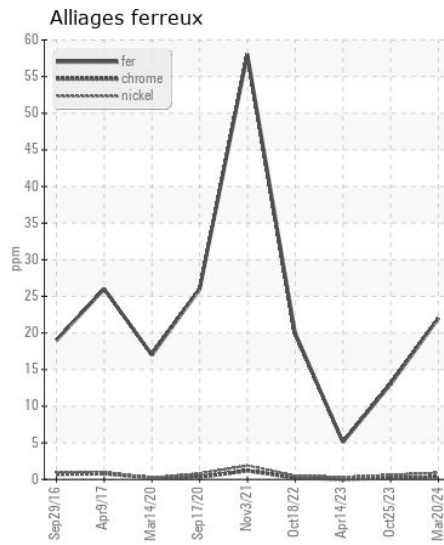
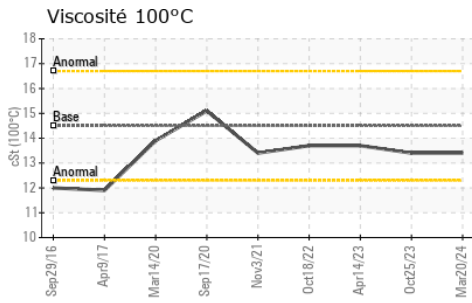
There is no indication of any contamination in the oil.

Silicium	ppm	ASTM D5185(m)	>25	8	8	11
Potassium	ppm	ASTM D5185(m)	>20	<1	0	0
Essence		WC Method	>4.0	<1.0	<1.0	<1.0
L'eau		WC Method	>0.1	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
% de suie	%	ASTM D7844*		0	0	0
Nitration	Abs/cm	ASTM D7624*	>20	5.4	5.1	4.3
Sulfatation	Abs/.1mm	ASTM D7415*	>30	18.7	18.8	18.6
Limon	scalar	Visual*	NONE	VLITE	NONE	NONE
Débris	scalar	Visual*	NONE	NONE	NONE	NONE
Saleté	scalar	Visual*	NONE	NONE	NONE	NONE
Apparence	scalar	Visual*	NORML	NORML	NORML	NORML
Odeur	scalar	Visual*	NORML	NORML	NORML	NORML
Eau émulsifiée	scalar	Visual*	>0.1	NEG	NEG	NEG

ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		12	9	3
Bore	ppm	ASTM D5185(m)		0	2	5
Baryum	ppm	ASTM D5185(m)		0	<1	0
Molybdène	ppm	ASTM D5185(m)		65	64	59
Manganèse	ppm	ASTM D5185(m)		0	0	<1
Magnésium	ppm	ASTM D5185(m)		991	984	924
Calcium	ppm	ASTM D5185(m)		1039	1055	1069
Phosphore	ppm	ASTM D5185(m)		1010	1038	1051
Zinc	ppm	ASTM D5185(m)		1176	1203	1138
Soufre	ppm	ASTM D5185(m)		2653	2768	2629
Oxydation	Abs/.1mm	ASTM D7414*	>25	13.8	13.8	13.3
Visc 100°C	cSt	ASTM D7279(m)	14.5	13.4	13.4	13.7



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0878516
N° de laboratoire : 02624161
Numéro unique : 5749280
Analyse : MAR 1

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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.