



Machine Id
WL0056
Component
Rear Differential
Fluid
DIESEL ENGINE OIL SAE 30 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0118325	GFL0067519	GFL0067494
Sample Date		Client Info		11 Apr 2024	27 Feb 2024	01 Sep 2023
Machine Age	kms	Client Info		19189	0	17700
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	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

WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>500	128	89	102
Chromium	ppm	ASTM D5185(m)	>10	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)		0	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	1	1	1
Lead	ppm	ASTM D5185(m)	>25	<1	1	1
Copper	ppm	ASTM D5185(m)	>100	41	30	38
Tin	ppm	ASTM D5185(m)	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	6	5	6
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	1
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	VLITE	NONE	VLITE
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*	>.2	NEG	NEG	NEG

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)	>75	5	4	5
Boron	ppm	ASTM D5185(m)	250	8	6	10
Barium	ppm	ASTM D5185(m)	10	0	0	0
Molybdenum	ppm	ASTM D5185(m)	100	15	13	18
Manganese	ppm	ASTM D5185(m)		2	<1	1
Magnesium	ppm	ASTM D5185(m)	450	253	217	283
Calcium	ppm	ASTM D5185(m)	3000	2165	1983	2178
Phosphorus	ppm	ASTM D5185(m)	1150	968	752	1027
Zinc	ppm	ASTM D5185(m)	1350	1014	895	1041
Sulfur	ppm	ASTM D5185(m)	4250	4655	3201	3852
Visc @ 40°C	cSt	ASTM D7279(m)	101	76.7	74.8	74.8

