



CONSTRUCTION EQUIPMENT

SCIERIE DION 386184 VOLVO L110G 9232 - FRONT AXLE



Sample No: VCP380341
Oil Type: VOLVO WB 102
Job No: 386184



SAMPLE INFORMATION

Sample Number	VCP380341	VCP381430	VCP299249	VCP272759
Sample Date	24 Nov 2023	16 Jan 2023	09 Apr 2021	26 Jun 2020
Machine Hours	26111	23891	21231	19184
Oil Hours	2000	2000	0	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	43.0	42.9	40.3	40.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	18	13	10
Sodium	ppm	2	11	7	3
Potassium	ppm	<1	<1	<1	<1

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

WEAR METALS

Iron	ppm	33	82	38	18
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	2	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	0	1	<1	<1
Vanadium	ppm	0	<1	<1	<1

ADDITIVES

Calcium	ppm	4254	4320	4028	4144
Magnesium	ppm	16	16	14	13
Zinc	ppm	1643	1692	1674	1659
Phosphorus	ppm	1343	1456	1327	1388
Barium	ppm	<1	0	0	<1
Boron	ppm	120	120	120	125

Depot: VOLVO0228
Unique No: 5685267
Signed: Wes Davis
Report Date: 01 Dec 2023



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GRAPHS

