



CONSTRUCTION EQUIPMENT

BLC 405885 VOLVO 110H 632019 - REAR AXLE



Sample No: VCP393112
Oil Type: VOLVO WB 102
Job No: 405885



SAMPLE INFORMATION

Sample Number	VCP393112	VCP381805	VCP352226	VCP298435
Sample Date	27 May 2024	12 May 2023	20 Jul 2022	07 Oct 2021
Machine Hours	6013	4250	2650	1045
Oil Hours	2000	4000	2000	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

STRONGCO EQUIPMENT INC (STE- FOY)
 175, rue de Rotterdam
 St-Augustin-de-Desmaures, QC
 CA G3A 2K2
 Contact: Michel Lepage
 mlepage@strongco.com
 T: (418)870-1700
 F: (418)870-1701



OIL CONDITION

Visc @ 40°C	cSt	43.2	43.5	42.6	39.8
Visc @ 100°C	cSt	---	---	---	7.2
Viscosity Index (VI)	Scale	---	---	---	145

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.



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	19	17	15
Sodium	ppm	<1	2	8	11
Potassium	ppm	<1	0	1	2



WEAR METALS

Iron	ppm	33	56	93	235
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	1	1
Chromium	ppm	<1	1	2	6
Molybdenum	ppm	0	<1	2	15
Nickel	ppm	0	0	<1	1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	5	13
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4207	4371	4355	3956
Magnesium	ppm	17	17	15	14
Zinc	ppm	1590	1612	1618	1609
Phosphorus	ppm	1288	1392	1300	1380
Barium	ppm	0	0	0	0
Boron	ppm	119	121	121	119

Depot: VOLVO0228
Unique No: 5788082
Signed: Wes Davis
Report Date: 30 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

