



CONSTRUCTION EQUIPMENT

BLC 405885 - FRONT AXLE



Sample No: VCP393109
Oil Type: VOLVO WB 102
Job No: 405885



SAMPLE INFORMATION

Sample Number	VCP393109	VCP381802	VCP332527	VCP298433
Sample Date	27 May 2024	12 May 2023	20 Jul 2022	03 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

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OIL CONDITION

Visc @ 40°C	cSt	43.1	43.5	42.2	39.7
Visc @ 100°C	cSt	---	---	---	7.1
Viscosity Index (VI)	Scale	---	---	---	141

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. La teneur en eau est négligeable. 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	%	0.071	NEG	NEG	NEG
Silicon	ppm	16	19	16	14
Sodium	ppm	<1	1	8	11
Potassium	ppm	<1	0	1	2



WEAR METALS

Iron	ppm	48	71	130	322
Copper	ppm	0	<1	<1	1
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	2	1	1
Chromium	ppm	<1	1	3	7
Molybdenum	ppm	0	<1	3	16
Nickel	ppm	0	<1	<1	1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	4	0	<1
Manganese	ppm	1	3	6	17
Vanadium	ppm	0	0	0	<1



ADDITIVES

Calcium	ppm	4190	4372	4348	3885
Magnesium	ppm	18	17	14	14
Zinc	ppm	1600	1645	1613	1599
Phosphorus	ppm	1294	1411	1288	1377
Barium	ppm	0	0	0	0
Boron	ppm	121	124	119	119

Depot: VOLVO0228
Unique No: 5788100
Signed: Kevin Marson
Report Date: 04 Jun 2024



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GRAPHS

