



CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY 500HR CSA/CANDOR, NC VOLVO L150H 2040 (S/N 6410) - REAR AXLE



Sample No: VCP404598
Oil Type: VOLVO WB 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP404598	VCP370584	VCP05723345	VCP370538
Sample Date	25 Jul 2023	15 Feb 2023	20 Dec 2022	28 Nov 2022
Machine Hours	8961	8811	8535	8466
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

G S MATERIALS INC

PO BOX 1335
BURLINGTON, NC
US 27216
Contact: KAREN NEWPORT
Gsmaterials@windstream.net
T: (919)499-9322
F: (919)499-2097



OIL CONDITION

Visc @ 40°C	cSt	43.9	53.4	42.1	41.8
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	14	15	13	13
Sodium	ppm	2	1	<1	2
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	23	41	10	17
Copper	ppm	<1	<1	<1	4
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	2	0
Aluminum	ppm	2	3	6	10
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	7	1	2	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	8	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4160	3726	3777	1049
Magnesium	ppm	23	22	17	32
Zinc	ppm	1692	1431	1482	695
Phosphorus	ppm	1359	1168	1200	583
Barium	ppm	0	0	0	0
Boron	ppm	143	135	123	32

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: GANBURNC
Unique No: 10575830
Signed: Wes Davis
Report Date: 28 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

