



CONSTRUCTION EQUIPMENT

S631 IAA RANCHO CORD VOLVO L90H 623903 - FRONT AXLE



Sample No: VCP425896
Oil Type: VOLVO WB 102
Job No: S631 IAA RANCHO CORD



SAMPLE INFORMATION

Sample Number	VCP425896	VCP266918	VCP245527	VCP219148
Sample Date	06 Jul 2023	10 Apr 2020	26 Jul 2019	08 May 2018
Machine Hours	10036	5960	4590	2031
Oil Hours	0	0	0	500
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

VCES- VOLVO CONSTRUCTION EQUIPMENT
 8594 FRUITRIDGE ROAD
 SACRAMENTO, CA
 US 95826
 Contact: RAY KRANZUSCH
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	39.3	42.0	42.7	40.63
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CONTAMINATION

Silicon	ppm	8	12	13	14
Sodium	ppm	5	5	0	0
Potassium	ppm	1	0	1	0



WEAR METALS

Iron	ppm	42	39	78	117
Copper	ppm	<1	<1	<1	2
Lead	ppm	0	0	<1	2
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	<1	1
Chromium	ppm	<1	<1	2	4
Molybdenum	ppm	<1	0	3	9
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	5	12
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	3212	3681	3760	3788
Magnesium	ppm	12	10	11	10
Zinc	ppm	1456	1537	1497	1477
Phosphorus	ppm	1195	1160	1246	1244
Barium	ppm	0	0	0	0
Boron	ppm	101	113	129	103

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: VOLVO4485
Unique No: 10550525
Signed: Wes Davis
Report Date: 11 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

