



CONSTRUCTION EQUIPMENT

S630 IAA RANCHO CORD VOLVO L90H 625096 - REAR AXLE



Sample No: VCP400965
Oil Type: VOLVO WB 102
Job No: S630 IAA RANCHO CORD



SAMPLE INFORMATION

Sample Number	VCP400965	VCP357388	VCP297285	VCP265934
Sample Date	06 Jul 2023	30 Mar 2022	19 Mar 2021	20 May 2020
Machine Hours	8707	6435	4056	2027
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Not Changd
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	41.9	42.9	39.8	40.1
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CONTAMINATION

Silicon	ppm	12	8	11	12
Sodium	ppm	10	8	9	6
Potassium	ppm	2	0	0	0



WEAR METALS

Iron	ppm	31	18	47	32
Copper	ppm	13	11	24	7
Lead	ppm	<1	<1	<1	0
Tin	ppm	<1	<1	2	0
Aluminum	ppm	2	<1	1	<1
Chromium	ppm	<1	0	1	2
Molybdenum	ppm	<1	<1	<1	2
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	<1	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3560	2903	3773	4038
Magnesium	ppm	13	13	12	12
Zinc	ppm	1623	1200	1508	1581
Phosphorus	ppm	1369	1339	1357	1341
Barium	ppm	0	0	0	0
Boron	ppm	109	89	137	110

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: 10550527
Signed: Wes Davis
Report Date: 11 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

