



CONSTRUCTION EQUIPMENT

231274 VOLVO L90H 623902 - FRONT AXLE



Sample No: VCP260724
Oil Type: VOLVO WB 102
Job No: 231274



SAMPLE INFORMATION

Sample Number	VCP260724	VCP222908	---	---
Sample Date	18 Feb 2020	15 Oct 2018	---	---
Machine Hours	4300	2185	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW
 Acheson, AB
 CA T7X 6C2
 Contact: Jonathan Morton
 jmorton@strongco.com
 T: (780)464-1909
 F: (780)464-0434



OIL CONDITION

Visc @ 40°C	cSt	40.1	41.6	---	---
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CONTAMINATION

Silicon	ppm	16	11	---	---
Sodium	ppm	6	<1	---	---
Potassium	ppm	2	<1	---	---



WEAR METALS

Iron	ppm	28	16	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	4351	4054	---	---
Magnesium	ppm	14	10	---	---
Zinc	ppm	1774	1636	---	---
Phosphorus	ppm	1419	1317	---	---
Barium	ppm	0	0	---	---
Boron	ppm	127	119	---	---

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: VOLVO3908
Unique No: 5007013
Signed: Wes Davis
Report Date: 24 Feb 2020



CONSTRUCTION EQUIPMENT



GRAPHS

