



CONSTRUCTION EQUIPMENT

GBW601 IAA UNIT1 VOLVO L90H 624060 - FRONT AXLE



Sample No: VCP245039
Oil Type: TDH FLUID SAE 75W80
Job No: GBW601 IAA UNIT1



SAMPLE INFORMATION

Sample Number	VCP245039	VCP235743	VCP226130	VCP230366
Sample Date	25 Jun 2019	11 Jan 2019	13 Oct 2018	11 May 2018
Machine Hours	4478	3227	2717	1724
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	40.09	39.8	55.27	40.5
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CONTAMINATION

Silicon	ppm	16	7	10	11
Sodium	ppm	6	2	2	3
Potassium	ppm	<1	8	1	0

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.



WEAR METALS

Iron	ppm	11	43	50	79
Copper	ppm	<1	2	<1	<1
Lead	ppm	<1	2	1	1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	1	1	2
Molybdenum	ppm	<1	<1	<1	3
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	5
Vanadium	ppm	0	0	<1	<1



ADDITIVES

Calcium	ppm	3869	2727	4263	4021
Magnesium	ppm	14	10	12	12
Zinc	ppm	1486	1104	1575	1607
Phosphorus	ppm	1264	921	1366	1251
Barium	ppm	0	<1	0	0
Boron	ppm	111	69	114	111

Depot: VOLVO6174
Unique No: 8653842
Signed: Don Baldrige
Report Date: 03 Jul 2019



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VOLVO GRAPHS

