



CONSTRUCTION EQUIPMENT

VOLVO A40G 352349 - REAR AXLE



Sample No: VCP406459
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP406459	VCP406825	VCP390578	VCP373675
Sample Date	29 Aug 2023	22 Mar 2023	13 Feb 2023	21 Sep 2022
Machine Hours	5785	4695	4463	3727
Oil Hours	1090	968	736	1063
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	131	133	132	127
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CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	<1	<1	<1	0
Potassium	ppm	0	0	0	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	39	29	27
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	389	339	299	336
Magnesium	ppm	7	8	9	7
Zinc	ppm	126	115	111	121
Phosphorus	ppm	966	977	893	1016
Barium	ppm	0	0	0	0
Boron	ppm	185	179	170	159

Depot: SCHGRE
Unique No: 10634519
Signed: Wes Davis
Report Date: 07 Sep 2023



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VOLVO GRAPHS

