



CONSTRUCTION EQUIPMENT

2806 VOLVO A40G 352025 - DROP BOX



Sample No: VCP312840
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: 2806



SAMPLE INFORMATION

Sample Number	VCP312840	VCP402326	VCP379398	VCP359659
Sample Date	11 Dec 2023	13 Jul 2023	16 Jan 2023	04 Aug 2022
Machine Hours	10033	9075	7948	6979
Oil Hours	958	1127	969	1038
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	SEVERE	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	135	137	137	134



CONTAMINATION

Water	%	NEG	NEG	1.37	NEG
Silicon	ppm	2	3	5	8
Sodium	ppm	0	1	<1	4
Potassium	ppm	<1	2	1	6

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	37	102	86	158
Copper	ppm	3	18	11	14
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	3	5	10
Chromium	ppm	<1	1	1	2
Molybdenum	ppm	3	16	16	23
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	4
Manganese	ppm	<1	3	2	5
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	217	114	131	138
Magnesium	ppm	12	16	9	16
Zinc	ppm	111	135	137	255
Phosphorus	ppm	963	924	929	1003
Barium	ppm	0	0	0	0
Boron	ppm	137	68	134	152

Depot: SCHGRE
Unique No: 10807030
Signed: Wes Davis
Report Date: 28 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

