



CONSTRUCTION EQUIPMENT

VOLVO EC250EL 31011 - SWING DRIVE



Sample No: VCP405979
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No:



SAMPLE INFORMATION

Sample Number	VCP405979	VCP386173	VCP337160	VCP346021
Sample Date	24 Oct 2023	12 May 2023	19 Sep 2022	12 May 2022
Machine Hours	5754	5225	4717	4265
Oil Hours	529	960	452	1064
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	133	141	137	141
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CONTAMINATION

Silicon	ppm	3	3	2	4
Sodium	ppm	0	0	0	<1
Potassium	ppm	<1	<1	0	<1

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	24	24	20	67
Copper	ppm	4	3	3	5
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	1	1	1	2
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	168	158	155	275
Magnesium	ppm	10	11	9	23
Zinc	ppm	102	102	94	123
Phosphorus	ppm	977	953	911	1049
Barium	ppm	0	0	0	0
Boron	ppm	105	112	92	147

Depot: SCHGRE
Unique No: 10724407
Signed: Wes Davis
Report Date: 02 Nov 2023



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GRAPHS

