



CONSTRUCTION EQUIPMENT

A12574 VOLVO ECR145C 110642 - SWING DRIVE



Sample No: VCP446454
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A12574



SAMPLE INFORMATION

Sample Number	VCP446454	VCP390965	VCBM001654	VCP286330
Sample Date	08 May 2024	21 Oct 2022	02 Feb 2022	09 Apr 2021
Machine Hours	8155	7645	7055	6495
Oil Hours	1000	1000	500	1000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

JAMES J ANDERSON
 6958 TORRESDALE AVENUE
 PHILADELPHIA, PA
 US 19135
 Contact: JOHN HERBUT
 herb@jjaconstruction.com
 T: (215)850-9051
 F: (215)427-0208



OIL CONDITION

Visc @ 40°C	cSt	277	216	147	263
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	2	5
Sodium	ppm	0	0	<1	4
Potassium	ppm	2	1	0	2

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	30	97	21	107
Copper	ppm	4	13	2	10
Lead	ppm	<1	1	0	1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	2	<1	2
Chromium	ppm	<1	1	<1	1
Molybdenum	ppm	2	6	2	7
Nickel	ppm	<1	0	0	1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	2	<1	2
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	84	138	21	134
Magnesium	ppm	9	49	6	48
Zinc	ppm	43	122	16	127
Phosphorus	ppm	494	868	649	877
Barium	ppm	0	2	0	0
Boron	ppm	28	62	26	114

Depot: JAAPHI
Unique No: 11033070
Signed: Sean Felton
Report Date: 20 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

