



CONSTRUCTION EQUIPMENT

A10849 HSC CONST VOLVO EC160E 314219 - SWING DRIVE



Sample No: VCP426983
Oil Type: MOBIL MOBILUBE HD PLUS 80W90
Job No: A10849 HSC CONST



HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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SAMPLE INFORMATION

Sample Number	VCP426983	VCP377311	VCP348067	---
Sample Date	03 Aug 2023	29 Aug 2022	22 Feb 2022	---
Machine Hours	2235	1193	517	---
Oil Hours	0	0	517	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	276	278	167	---
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CONTAMINATION

Silicon	ppm	6	4	16	---
Sodium	ppm	2	<1	1	---
Potassium	ppm	0	0	3	---



WEAR METALS

Iron	ppm	48	27	126	---
Copper	ppm	9	6	50	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	<1	<1	3	---
Chromium	ppm	<1	0	2	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	4	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	103	38	14	---
Magnesium	ppm	2	0	<1	---
Zinc	ppm	48	22	35	---
Phosphorus	ppm	1071	1000	324	---
Barium	ppm	0	1	0	---
Boron	ppm	195	203	4	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8879
Unique No: 10601774
Signed: Don Baldrige
Report Date: 12 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

