



CONSTRUCTION EQUIPMENT

28885 STONE RIDGE VOLVO A45G 352882 - DROP BOX



Sample No: VCP419428
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: 28885 STONE RIDGE



SAMPLE INFORMATION

Sample Number	VCP419428	VCP404197	VCP283936	---
Sample Date	15 Jan 2024	13 Mar 2023	22 Feb 2022	---
Machine Hours	3019	1862	400	---
Oil Hours	0	212	400	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	133	233	▲ 48.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	8	23	▲ 56	---
Sodium	ppm	0	4	9	---
Potassium	ppm	2	<1	5	---

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	179	▲ 901	▲ 858	---
Copper	ppm	2	19	▲ 84	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	1	0	---
Chromium	ppm	3	14	10	---
Molybdenum	ppm	20	20	17	---
Nickel	ppm	2	8	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	11	11	---
Vanadium	ppm	0	<1	0	---



ADDITIVES

Calcium	ppm	325	12	95	---
Magnesium	ppm	53	4	5	---
Zinc	ppm	190	43	231	---
Phosphorus	ppm	1037	1168	2440	---
Barium	ppm	<1	0	0	---
Boron	ppm	144	139	126	---

Depot: VOLVO0077
Unique No: 10858219
Signed: Sean Felton
Report Date: 02 Feb 2024



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GRAPHS

