



CONSTRUCTION EQUIPMENT

A12586 VOLVO A30D 74082 - DROP BOX



Sample No: VCP446462
Oil Type: MOBIL MOBILUBE HD PLUS 85W140
Job No: A12586



SAMPLE INFORMATION

Sample Number	VCP446462	VCP425974	VCP308419	VCP264523
Sample Date	06 May 2024	27 Jun 2023	08 Jun 2021	17 Mar 2020
Machine Hours	12470	11975	10780	10120
Oil Hours	1500	500	1000	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

DYER QUARRY
P.O. BOX 188, 1275 ROCK HOLLOW ROAD
BIRDSBORO, PA
US 19508
Contact: MATT MCCLELLAND
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T:
F: (610)582-2304



OIL CONDITION

Visc @ 40°C	cSt	304	305	305	304
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	15	3	10
Sodium	ppm	0	1	<1	<1
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	101	83	17	70
Copper	ppm	2	<1	0	<1
Lead	ppm	<1	0	0	3
Tin	ppm	<1	0	0	0
Aluminum	ppm	8	9	<1	3
Chromium	ppm	1	<1	0	<1
Molybdenum	ppm	6	5	3	4
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	<1	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	2	1	0	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	136	72	78	60
Magnesium	ppm	10	9	6	8
Zinc	ppm	64	30	28	25
Phosphorus	ppm	1048	975	772	826
Barium	ppm	0	0	0	<1
Boron	ppm	171	202	154	133

Depot: DYEBIR
Unique No: 11033058
Signed: Sean Felton
Report Date: 20 May 2024



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VOLVO GRAPHS

