



CONSTRUCTION EQUIPMENT

11720 VOLVO EC290 11337 - FRONT LEFT FINAL DRIVE



Sample No: VCP439464
Oil Type: MOBIL MOBILUBE HD PLUS 85W140
Job No: 11720



SAMPLE INFORMATION

Sample Number	VCP439464	VCP140893	---	---
Sample Date	18 Dec 2023	13 Jun 2013	---	---
Machine Hours	1280	5690	---	---
Oil Hours	0	1000	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

DYER QUARRY

P.O. BOX 188, 1275 ROCK HOLLOW ROAD
 BIRDSBORO, PA
 US 19508
 Contact: MATT MCCLELLAND
 matt.mcclelland@dyerquarry.com
 T:
 F: (610)582-2304



OIL CONDITION

Visc @ 40°C	cSt	308	299.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	54	50	---	---
Sodium	ppm	5	4	---	---
Potassium	ppm	<1	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 component. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	252	185	---	---
Copper	ppm	0	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	15	13	---	---
Chromium	ppm	5	8	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	2	2	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	65	40	---	---
Magnesium	ppm	14	10	---	---
Zinc	ppm	42	37	---	---
Phosphorus	ppm	1081	830	---	---
Barium	ppm	0	0	---	---
Boron	ppm	145	40	---	---

Depot: DYEBIR
Unique No: 10803055
Signed: Don Baldrige
Report Date: 24 Dec 2023



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GRAPHS

