



CONSTRUCTION EQUIPMENT

700466 GLE VOLVO EC380 314125 - SWING DRIVE



Sample No: VCP436399
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 700466 GLE



ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
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SAMPLE INFORMATION

Sample Number	VCP436399	VCP366140	---	---
Sample Date	16 Apr 2024	19 Sep 2022	---	---
Machine Hours	4941	2888	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	322	180	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	12	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	0	---	---



WEAR METALS

Iron	ppm	62	210	---	---
Copper	ppm	8	20	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	1	3	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	79	16	---	---
Magnesium	ppm	2	5	---	---
Zinc	ppm	42	54	---	---
Phosphorus	ppm	977	466	---	---
Barium	ppm	2	0	---	---
Boron	ppm	195	0	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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.

Depot: VOLVO2990
Unique No: 11002504
Signed: Sean Felton
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

