



CONSTRUCTION EQUIPMENT

VOLVO EC480EL 314646 - REAR RIGHT FINAL DRIVE



Sample No: VCP147748
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No:



SAMPLE INFORMATION

Sample Number	VCP147748	---	---	---
Sample Date	31 May 2023	---	---	---
Machine Hours	4678	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT (AB)

205 MACALPINE CRES.
 FORT MCMURRAY, AB
 CA T9H 4A6
 Contact: Jack Cartwright
 jcartwright@strongco.com
 T: (780)464-1909
 F: (780)464-0434



OIL CONDITION

Visc @ 40°C	cSt	█ 96.8	---	---	---
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CONTAMINATION

Silicon	ppm	█ 70	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 231	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 177	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 47	---	---	---
Phosphorus	ppm	█ 1172	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 170	---	---	---

Depot: VOLVO9843
Unique No: 5592318
Signed: Wes Davis
Report Date: 09 Jun 2023



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GRAPHS

