



CONSTRUCTION EQUIPMENT

405708 CATERPILLAR 299C 908593 - REAR RIGHT FINAL DRIVE



Sample No: VCP352621
Oil Type: CATERPILLAR GO 75W140
Job No: 405708



STRONGCO EQUIPMENT-EDMONTON
25616 117 Ave NW
Acheson, AB
CA T7X 6C2
Contact: Jonathan Morton
jmorton@strongco.com
T: (780)464-1909
F: (780)464-0434



SAMPLE INFORMATION

Sample Number	VCP352621	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	490	---	---	---
Oil Hours	490	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 181	---	---	---
Visc @ 100°C	cSt	█ 21.7	---	---	---
Viscosity Index (VI)	Scale	143	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 14	---	---	---
Potassium	ppm	█ 8	---	---	---



WEAR METALS

Iron	ppm	█ 552	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 18	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 70	---	---	---
Phosphorus	ppm	█ 1200	---	---	---
Barium	ppm	█ 24	---	---	---
Boron	ppm	█ 140	---	---	---

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.

Depot: VOLVO3908
Unique No: 5798553
Signed: Wes Davis
Report Date: 11 Jun 2024



CONSTRUCTION EQUIPMENT



GRAPHS

