



CONSTRUCTION EQUIPMENT

396629 CATERPILLAR MH3026 900404 - DIESEL ENGINE



Sample No: VCP352618
Oil Type: SHELL ROTELLA T SB 0W40
Job No: 396629



SAMPLE INFORMATION

Sample Number	VCP352618	---	---	---
Sample Date	26 Mar 2024	---	---	---
Machine Hours	1350	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW

Acheson, AB

CA T7X 6C2

Contact: Jason Sweet

jsweet@strongco.com

T: Phone

F: (780)417-2615



OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Oxidation (PA)	%	█ 76	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 78	---	---	---
Sulfation (PA)	%	█ 52	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 7	---	---	---

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	█ 20	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2049	---	---	---
Magnesium	ppm	█ 73	---	---	---
Zinc	ppm	█ 1115	---	---	---
Phosphorus	ppm	█ 933	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 28	---	---	---

Depot: VOLVO3908

Unique No: 5759100

Signed: Wes Davis

Report Date: 02 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

