



CONSTRUCTION EQUIPMENT

VOLVO A30D 14069 - DIESEL ENGINE



Sample No: VCP222904

Oil Type: DIESEL ENGINE OIL SAE 15W40

Job No:



SAMPLE INFORMATION

Sample Number	VCP222904	---	---	---
Sample Date	26 Jun 2019	---	---	---
Machine Hours	29105	---	---	---
Oil Hours	200	---	---	---
Oil Changed	Not Chngd	---	---	---
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	█ 13.0	---	---	---
Oxidation (PA)	%	█ 77	---	---	---



CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	█ 58	---	---	---
Sulfation (PA)	%	█ 65	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 23	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1781	---	---	---
Magnesium	ppm	█ 289	---	---	---
Zinc	ppm	█ 925	---	---	---
Phosphorus	ppm	█ 785	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 57	---	---	---

Depot: VOLVO3908

Unique No: 4889666

Signed: Kevin Marson

Report Date: 28 Jun 2019



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GRAPHS

