



CONSTRUCTION EQUIPMENT

VOLVO A30F 82206 - DIESEL ENGINE



Sample No: VCP352007
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SAMPLE INFORMATION

Sample Number	VCP352007	---	---	---
Sample Date	27 Feb 2023	---	---	---
Machine Hours	8004	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO INC
 1575 RUE BERSIMIS
 CHICOUTIMI, QC
 CA G7K 1G9
 Contact: Mario Tremblay
 mtremblay@strongco.com
 T: (418)690-1724
 F: (418)690-5002



OIL CONDITION

Visc @ 100°C	cSt	█ 14.1	---	---	---
Oxidation (PA)	%	█ 66	---	---	---



CONTAMINATION

Soot %	%	█ 0.8	---	---	---
Nitration (PA)	%	█ 70	---	---	---
Sulfation (PA)	%	█ 65	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 56	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 903	---	---	---
Magnesium	ppm	█ 1015	---	---	---
Zinc	ppm	█ 1153	---	---	---
Phosphorus	ppm	█ 1074	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 42	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0230
Unique No: 5541276
Signed: Kevin Marson
Report Date: 10 Mar 2023



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GRAPHS

