



CONSTRUCTION EQUIPMENT

EXCAVATION C CHOUINARD 404663 VOLVO L90H 627970 - DIESEL ENGINE



Sample No: VCP449452
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 404663



SAMPLE INFORMATION

Sample Number	VCP449452	---	---	---
Sample Date	15 May 2024	---	---	---
Machine Hours	540	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Oxidation (PA)	%	█ 76	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 59	---	---	---
Sulfation (PA)	%	█ 61	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 37	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1539	---	---	---
Magnesium	ppm	█ 534	---	---	---
Zinc	ppm	█ 1028	---	---	---
Phosphorus	ppm	█ 889	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 41	---	---	---

Depot: VOLVO0228
Unique No: 5787990
Signed: Wes Davis
Report Date: 30 May 2024



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GRAPHS

