



CONSTRUCTION EQUIPMENT

JAM-PROVENCHER INC CATERPILLAR 55K02128 - DIESEL ENGINE



Sample No: VCP380409
Oil Type: SHELL ROTELLA T 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP380409	---	---	---
Sample Date	14 Sep 2023	---	---	---
Machine Hours	20000	---	---	---
Oil Hours	250	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	█ 14.9	---	---	---
Oxidation (PA)	%	█ 69	---	---	---



CONTAMINATION

Soot %	%	█ 0.6	---	---	---
Nitration (PA)	%	█ 78	---	---	---
Sulfation (PA)	%	█ 64	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ 1.1	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 19	---	---	---
Potassium	ppm	█ 8	---	---	---

Diagnosis

Aucune mesure corrective n'est recommandée pour l'instant. 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. Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	█ 57	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 17	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2226	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	█ 1138	---	---	---
Phosphorus	ppm	█ 1002	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 175	---	---	---

Depot: VOLVO0228
Unique No: 5645882
Signed: Bill Quesnel
Report Date: 26 Sep 2023



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GRAPHS

