



CONSTRUCTION EQUIPMENT

TEREXCA 383452 VOLVO ECR88D 218189 - DIESEL ENGINE



Sample No: VCP382461
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 383452



SAMPLE INFORMATION

Sample Number	VCP382461	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	524	---	---	---
Oil Hours	524	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

Visc @ 100°C	cSt	▲ 10.4	---	---	---
Oxidation (PA)	%	53	---	---	---



CONTAMINATION

Soot %	%	■ 0.2	---	---	---
Nitration (PA)	%	71	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	■ 0.0	---	---	---
Fuel	%	■ 2.2	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 28	---	---	---
Copper	ppm	■ 138	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 35	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1969	---	---	---
Magnesium	ppm	■ 249	---	---	---
Zinc	ppm	■ 960	---	---	---
Phosphorus	ppm	■ 821	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 27	---	---	---

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 de métaux sont typiques d'une première vidange. Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 30; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: VOLVO0228
Unique No: 5671119
Signed: Kevin Marson
Report Date: 07 Nov 2023



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GRAPHS

