



CONSTRUCTION EQUIPMENT

SWA526205-10 FORD F600 B430 - DIESEL ENGINE



Sample No: VCP454258
Oil Type: MOBIL DELVAC 1 5W40
Job No: SWA526205-10



SAMPLE INFORMATION

Sample Number	VCP454258	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	1160	---	---	---
Oil Hours	250	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 1035 WYLIE DRIVE
 BLOOMINGTON, IL
 US 61705
 Contact: JUSTIN PERRY
 justin.perry@altg.com
 T: (309)533-9285
 F:



OIL CONDITION

Visc @ 100°C	cSt	▲ 12.3	---	---	---
Base Number (BN)	mg KOH/g	■ 3.8	---	---	---
Oxidation (PA)	%	217	---	---	---

Diagnosis

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.3	---	---	---
Nitration (PA)	%	104	---	---	---
Sulfation (PA)	%	116	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 4.3	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 1	---	---	---



WEAR METALS

Iron	ppm	■ 25	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 47	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 975	---	---	---
Magnesium	ppm	■ 805	---	---	---
Zinc	ppm	■ 1119	---	---	---
Phosphorus	ppm	■ 984	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 61	---	---	---

Depot: VOLVO5054
Unique No: 10982933
Signed: Don Baldrige
Report Date: 23 Apr 2024



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GRAPHS

