



CONSTRUCTION EQUIPMENT

SPM620962 JLG 300215858 - DIESEL ENGINE



Sample No: VCP429704
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SPM620962



SAMPLE INFORMATION

Sample Number	VCP429704	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	2497	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

AJAX ENTERPRISES OF MICHIGAN LLC
 830 KIRTS
 TROY, MI
 US 48084
 Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 100°C	cSt	▲ 10.9	---	---	---
Base Number (BN)	mg KOH/g	■ 7.6	---	---	---
Oxidation (PA)	%	81	---	---	---

T: (248)244-3300
 F:

Diagnosis



CONTAMINATION

Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	88	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	■ 1.6	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 6	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 35	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1427	---	---	---
Magnesium	ppm	■ 425	---	---	---
Zinc	ppm	■ 1022	---	---	---
Phosphorus	ppm	■ 871	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 26	---	---	---

Depot: AJATRO
Unique No: 10714114
Signed: Don Baldrige
Report Date: 31 Oct 2023

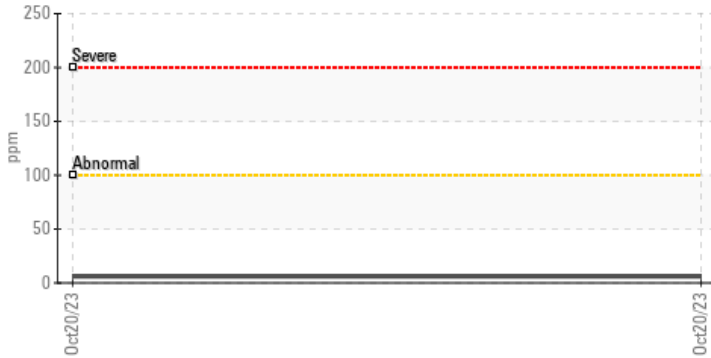


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GRAPHS

Iron (ppm)



Lead (ppm)



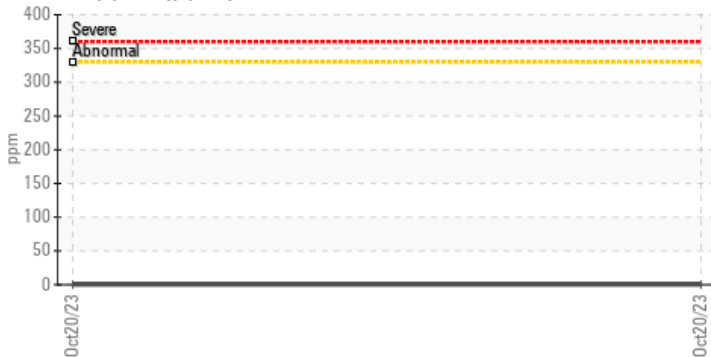
Aluminum (ppm)



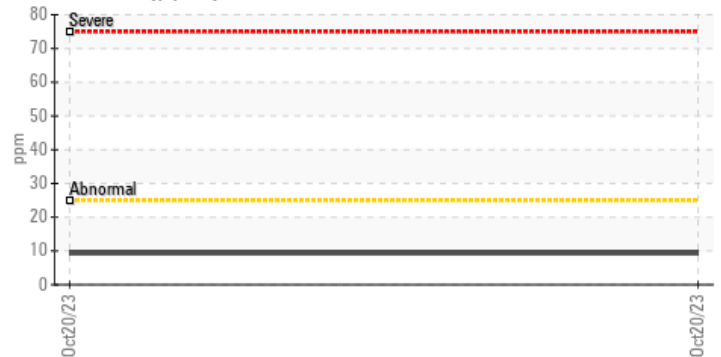
Chromium (ppm)



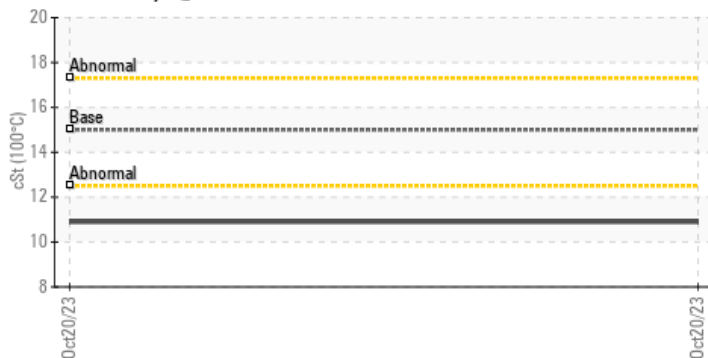
Copper (ppm)



Silicon (ppm)



▲ Viscosity @ 100°C



Base Number

