



CONSTRUCTION EQUIPMENT

KOBELCO 350 KOBELCO 350 (S/N NOT GIVEN) - DIESEL ENGINE



Sample No: VCP371263
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP371263	---	---	---
Sample Date	01 Mar 2023	---	---	---
Machine Hours	2374	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

L & L CONTRACTING

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 POWELL, TN
 US 37849
 Contact: BRANDON ISABELL
 lduncan1900@gmail.com
 T: (423)437-1927
 F:



OIL CONDITION

Visc @ 100°C	cSt	▲ 12.3	---	---	---
Base Number (BN)	mg KOH/g	■ 8.1	---	---	---
Oxidation (PA)	%	59	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.2	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 3	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 44	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1718	---	---	---
Magnesium	ppm	■ 207	---	---	---
Zinc	ppm	■ 1132	---	---	---
Phosphorus	ppm	■ 922	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 225	---	---	---

Depot: LLCPOW
Unique No: 10388192
Signed: Jonathan Hester
Report Date: 24 Mar 2023



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GRAPHS

