



CONSTRUCTION EQUIPMENT

SUBARU SUBARU WRX - GASOLINE ENGINE



Sample No: VCP388146
Oil Type: AMSOIL BOOSTED XL 5W30
Job No:



SAMPLE INFORMATION

Sample Number	VCP388146	---	---	---
Sample Date	15 Oct 2023	---	---	---
Machine Hours	43811	---	---	---
Oil Hours	5112	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	■ 8.8	---	---	---
Base Number (BN)	mg KOH/g	■ 7.9	---	---	---
Oxidation (PA)	%	13	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. 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	---	---	---
Nitration (PA)	%	10	---	---	---
Sulfation (PA)	%	12	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 6	---	---	---



WEAR METALS

Iron	ppm	■ 2	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	65	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1148	---	---	---
Magnesium	ppm	946	---	---	---
Zinc	ppm	804	---	---	---
Phosphorus	ppm	650	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	154	---	---	---

Depot: VOLVO0010
Unique No: 10708800
Signed: Don Baldrige
Report Date: 25 Oct 2023



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GRAPHS

