



CONSTRUCTION EQUIPMENT

DODGE 1500 JS189046 - GASOLINE ENGINE



Sample No: VCP389310
Oil Type: GASOLINE ENGINE OIL SAE 5W20
Job No:



SAMPLE INFORMATION

Sample Number	VCP389310	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	51824	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 7.7	---	---	---
Base Number (BN)	mg KOH/g	█ 5.0	---	---	---
Oxidation (PA)	%	12	---	---	---

Diagnosis

Resample at the next service interval to monitor. Tests do not reveal cause for reported problem. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.



CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	9	---	---	---
Sulfation (PA)	%	11	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 64	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1036	---	---	---
Magnesium	ppm	█ 425	---	---	---
Zinc	ppm	█ 696	---	---	---
Phosphorus	ppm	█ 607	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 19	---	---	---

Depot: VOLVO4596
Unique No: 10696493
Signed: Don Baldrige
Report Date: 17 Oct 2023



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GRAPHS

