



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 5/18/2026  
 CODE: 20/1,487

UNIT ID:  
 CLIENT ID:  
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Honda 1.5L I-4 Hybrid (Atkinson)	OIL TYPE & GRADE: Valvoline Hybrid Vehicle 0W/20 Synthetic
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 15,112 Miles
	ADDITIONAL INFO: PHEV	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

**COMMENTS**  
 This is another really nice report from your engine. The wear metals look great -- the trends are quite stable overall, with just the normal sorts of variation we expect to find from one sample to the next. You gave us a pretty good breakdown of your battery/ICE mileage this time, and you hadn't done that in the past... so we're not sure how this sample compares to the last one in terms of ICE mileage, but that's okay. Either the interval was longer or it was about the same, and in either case, metals look fine. The TBN's good at 4.8. This oil can go longer.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	15,112	UNIT / LOCATION AVERAGES	9,059	2,100	7,263	3,432	UNIVERSAL AVERAGES
	MI/HR on Unit	61,612		46,500	28,600	22,671	15,408	
	Sample Date	4/25/2026		8/1/2023	7/24/2021	9/27/2020	3/10/2020	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	
ALUMINUM	5	6	7	4	8	9	7	
CHROMIUM	0	0	0	0	0	0	0	
IRON	3	6	5	5	9	9	11	
COPPER	1	2	1	1	3	4	1	
LEAD	0	0	0	0	0	0	0	
TIN	0	0	0	0	0	0	0	
MOLYBDENUM	274	295	341	302	262	156	107	
NICKEL	0	0	0	0	0	0	0	
MANGANESE	1	1	1	1	1	2	1	
SILVER	0	0	0	0	0	0	0	
TITANIUM	0	10	1	15	24	8	3	
POTASSIUM	1	2	7	0	1	1	2	
BORON	85	98	62	128	118	65	58	
SILICON	15	15	11	18	16	32	17	
SODIUM	4	8	10	7	10	3	12	
CALCIUM	1194	1204	1357	1153	1113	863	1140	
MAGNESIUM	431	566	473	604	755	1065	564	
PHOSPHORUS	631	786	812	843	858	656	637	
ZINC	709	720	777	692	700	767	719	
BARIIUM	0	0	0	0	0	1	0	

Values  
Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	50.6	46-57	51.6	49.4	50.1	50.3
	cSt Viscosity @ 100°C	7.46	6.0-9.7	7.75	7.09	7.30	7.35
	Flashpoint in °F	410	>385	415	325	360	335
	Fuel %	<0.5	<2.0	<0.5	3.0	1.3	2.5
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.3	0.2	0.2	0.3
	TBN	4.8	>1.0	3.7	4.0	4.1	6.8
	TAN			3.1			
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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