



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 6/10/2024  
 CODE: 20/1,430

UNIT ID:  
 CLIENT ID:  
 PAYMENT:

<b>UNIT</b>	EQUIP. MAKE/MODEL: Honda 2.0L (K20) Turbo 4 cyl	OIL TYPE & GRADE: Pennzoil Ultra Platinum 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,800 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

**COMMENTS** Universal averages for Honda's K20 engine show typical wear levels after about 5,400 miles of oil use. This oil was in place about that long, and wear metals are average or lower, which means there aren't any internal problems or poorly wearing parts to worry about. No contamination from fuel, coolant, or moisture was found, and the low levels of silicon (potential dirt) and insolubles (oxidized solids) tell us the air and oil filters both worked effectively. The TBN is strong at 3.8, showing lots of active additive was left when the oil was changed. Nice results!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,800	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	22,539						
	Sample Date	5/13/2024						
	Make Up Oil Added	0 qts						
	ALUMINUM	7	11					7
	CHROMIUM	0	0					0
	IRON	8	10					11
	COPPER	2	3					3
	LEAD	0	0					0
	TIN	1	1					0
	MOLYBDENUM	78	134					142
	NICKEL	0	0					0
	MANGANESE	0	1					1
	SILVER	0	0					0
	TITANIUM	1	1					2
	POTASSIUM	2	5					2
	BORON	87	74					74
	SILICON	9	18					20
	SODIUM	4	6					6
	CALCIUM	989	1115					1176
	MAGNESIUM	677	780					608
	PHOSPHORUS	652	666					672
	ZINC	706	730					749
	BARIUM	0	0					0

Values:  
Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	50.6	46-57				
	cSt Viscosity @ 100°C	7.45	6.0-9.7				
	Flashpoint in °F	400	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.1	<0.6				
	TEN	3.8	>1.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE