



OIL REPORT

LAB NUMBER: R70011 UNIT ID: 20 SUPRA
 REPORT DATE: 10/18/2023 CLIENT ID: [REDACTED]
 CODE: 20/88 PAYMENT: CC Online

UNIT	MAKE/MODEL: BMW 3.0L (B58B30) Turbo I-6	OIL TYPE & GRADE: 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,241 Miles
	ADDITIONAL INFO:	

CLIENT	[REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX:
	[REDACTED]	ALT PHONE:
	[REDACTED]	EMAIL: [REDACTED]

COMMENTS [REDACTED]: As you anticipated, we didn't have enough oil to run the flashpoint test, but we're still glad you sent in the sample, since we were able to complete all the other tests. **The spectral results show the engine's wearing in a healthy manner.** We're comparing these levels to universal averages, which are based on BMW B58 engines with ~5,100 miles on the oil. Iron is the only metal we expect to fluctuate based on the oil change interval, and **it's nice to see it reading lower after a shorter than average oil run. A slightly low viscosity is no big deal. Nice introduction!**

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	3,241	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	20,291						
	Sample Date	8/25/2023						
	Make Up Oil Added	0 qts						
	ALUMINUM	5	5					4
	CHROMIUM	0	0					0
	IRON	6	6					11
	COPPER	2	2					2
	LEAD	0	0					0
	TIN	1	1					0
	MOLYBDENUM	120	120					90
	NICKEL	0	0					0
	MANGANESE	1	1					5
	SILVER	0	0					0
	TITANIUM	0	0					5
	POTASSIUM	1	1					1
	BORON	331	331					99
	SILICON	10	10					9
	SODIUM	3	3					8
	CALCIUM	3252	3252					1983
	MAGNESIUM	11	11					277
	PHOSPHORUS	919	919					763
	ZINC	1028	1028					883
	BARIUM	0	0					0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	54.8	55-63				
	cSt Viscosity @ 100°C	8.71	8.8-11.3				
	Flashpoint in °F	SHORT	>385				
	Fuel %	-	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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