



OIL REPORT

LAB NUMBER: P04367
REPORT DATE: 11/4/2021
CODE: 170/68

UNIT ID: CX9

UNIT

MAKE/MODEL: Mazda 2.5L I-4 SkyActiv-G Turbo
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Valvoline Synthetic 5W/30
OIL USE INTERVAL: 5,500 Miles

ELEMENTS IN PARTS PER MILLION

MI/HR on Oil	5,500	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
MI/HR on Unit	55,236								
Sample Date	9/29/2021								
Make Up Oil Added	0 qts								
ALUMINUM	4	4							3
CHROMIUM	0	0							0
IRON	9	9							9
COPPER	0	0							5
LEAD	0	0							0
TIN	0	0							0
MOLYBDENUM	238	238							76
NICKEL	0	0							0
MANGANESE	0	0							0
SILVER	0	0							0
TITANIUM	0	0							5
POTASSIUM	8	8							3
BORON	24	24							58
SILICON	18	18							9
SODIUM	4	4							15
CALCIUM	1289	1289							1255
MAGNESIUM	504	504							585
PHOSPHORUS	654	654							685
ZINC	798	798							781
BARIUM	0	0							0

Values
Should Be*

PROPERTIES

SUS Viscosity @ 210°F	53.8	55-62					
cSt Viscosity @ 100°C	8.43	8.8-11.1					
Flashpoint in °F	395	>385					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	<0.1					
Insolubles %	0.1	<0.6					
TBN							
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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