

**METRO TECH SYSTEMS LTD***Petroleum Products Consultants*

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ISO 9001:

Registered Firm

Client

Location

Unit Number

Component

Make / Model

Serial #

Calgary

JEEP GLADIATOR

8 Speed Auto Transmission

JEEP GLADIATOR

Lab Number:	ZZ7070	New Oil
Sample Date:	Sep 28/21	Oct 07/21
Unit:	24000.0 Km	
Oil:	24000.0 Km	
Oil Type:	MOPAR 8&9 S.ATF	MOPAR 8&9 S.ATF
METALS (D5185): Milligrams per Kilogram (PPM) Highlighted Test Results Indicate Abnormal Concentrations		
Tin	17	0
Lead	4	0.1
Copper	662	0.1
Aluminum	31	0
Silicon	12	4
Iron	906	0.7
Chromium	3	0
Silver	0	0
Zinc	33	3
Magnesium	4	3
Nickel	2	0
Barium	0	0
Sodium	8	2
Calcium	482	557
Vanadium	0	0
Phosphorus	513	548
Molybdenum	1	0
Boron	126	243
Manganese	8	0
PHYSICAL PROPERTIES		
Viscosity (D445) @ 40C		
Viscosity (D445) @ 100C	5.365	5.530
Water (D4007) (% v/v)	0	0
Solids (D4007) (% v/v)	0	0
Glycol	Trace	
Fuel Dilution		
OTHER PROPERTIES		
Acid No. (D664)		
Base No. (D2896)		
Base No. (D4739)		
Oxidation		
Nitro Compounds		
Organic Nitrates		
Particle Count(ISO 4406)		
Oil Changed?	No	
COMMENTS RATING SYSTEM: A is LOW B is LOW to MODERATE C is MODERATE D is HIGH E is SEVERE		
ZZ7070 - ALERT! Tests indicate the need to CHANGE OIL & FILTER. Check for a coolant leak. Low alloy steel wear (D). Copper wear (D). Aluminum Wear (A) ** Sample from Sump **		