

Customer Information

Customer: Matt Kellett
Attention:
Address: 1504 Eastlawn Rd SE | East Grand Rapids, MI 49506
Email: ; matt.kellett1@gmail.com

Component Information

Unit Name: No Unit ID
Manufacturer:
Unit Type: Engine
Oil Type: Mobil SAE 0W-20

Element Key

Cu Copper	Fe Iron	Cr Chromium	Al Aluminum	Pb Lead	Sn Tin	Si Silicon	Ca Calcium	Mg Magnesium
Zn Zinc	P Phosphorus	Mo Molybdenum	B Boron	Ag Silver	Ni Nickel	Na Sodium	K Potassium	

Sample Information						ASTM D5185 Wear Metals by ICP-OES (ppm)																
Lab ID	Quarts	Miles	Meter	Date Received	Date Sampled	Cu	Fe	Cr	Al	Pb	Sn	Si	Ca	Mg	Zn	P	Mo	B	Ag	Ni	Na	K
1707026	0	0	5000	2024-06-06	2024-06-05	2	25	2	7	0	0	10	1016	499	731	647	47	68	0	1	1	3
Job ID:			Comments: All elements are acceptable. Recommend servicing the oil/filters and resampling at a normal interval. NOTE: Oil Changed																			
FT-IR Analysis (ASTM 2412)								ASTM 6304	ASTM D2896	ASTM D4739	ASTM D664	Viscosity (cSt) (ASTM D445)		Advanced Properties								
Lab ID	Oxidation (A/cm)	Nitration (A/cm)	Sulfation (A/cm)	Glycol (P/N)	Fuel (%)	Soot (%)	Water (%)	Water (ppm)	BN (mg KOH/g)	BN (mg KOH/g)	AN (mg KOH/g)	100c		40c	Sulfur (ppm)	Chlorine (ppm)						
1707026	10	15	4	No	0.0	0.02	0.10					7.7										
Particle Count (Particles per 1mL) (ISO 4406/ISO 11500)																						
Lab ID	ISO Class Code	> 4 (μ)	> 6 (μ)	> 10 (μ)	> 14 (μ)	> 25 (μ)	> 50 (μ)	> 100 (μ)														
1707026																						