

0	1	2	3	4
NORMAL	ABNORMAL		CRITICAL	

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: KM6460-0001-3825 Company Name: LANDMARK TRUCKING, LLC Contact: Address: 410 N. 1650 W SPRINGVILLE, UT 84663 US Phone Number:		Unit ID: WA470-8-A49362 E Secondary ID: Component Type: DIESEL ENGINE Manufacturer: KOMATSU Model: WA470-8 Application: CONSTRUCTION Sump Capacity: 10 gal		Tracking Number: 25343L24014 Lab Number: S-496000 Lab Location: Salt Lake City Data Analyst: FLG Sampled: 26-Jan-2026 Submitted: 26-Jan-2026 Received: 28-Jan-2026 Completed: 30-Jan-2026	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: CARTRIDGE Micron Rating: 0				Product Manufacturer: KOMATSU Product Name: LOW ASH ENGINE OIL Viscosity Grade: SAE 15W40	
Comments	Data indicates no abnormal findings. Resample at normal interval. Lubricant and filter change acknowledged.				

Sample #	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)					Additive Metals (ppm)					
	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
1	29	1	0	4	7	1	1	0	0	0	5	3	0	0	64	0	0	0	69	394	1863	0	1105	1293
2	20	1	0	7	3	1	1	0	0	0	18	2	1	0	61	0	0	0	16	876	1205	0	1096	1255

Sample #	Sample Information							Contaminants			Fluid Properties					
	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100°C	Acid Number	Base No. D4739	Oxidation	Nitration
			h	h		gal		%	%	%	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1mm
1	16-Jun-2025	18-Jun-2025	500	6888	Yes	0	Yes	<2 - Estimate	.5 - E2412	<.1 - FTIR		14.2		5.63	12	8
2	26-Jan-2026	28-Jan-2026	807	7695	Yes	0	Yes	1.1 - GC	.2 - E2412	<.1 - FTIR		12.6		7.65	10	7

Sample #	Particle Count (particles/mL)										Additional Testing	
	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method	Particle Quantifier	Ferrous Debris
	Based On 4/6/14	particles/mL		Index Number	ppm							
1	//										13	
2	//										0	

Comments are advisory only and are based on the sample information provided by the customer being valid. Results related only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.

Historical Comments	1	Data indicates no abnormal findings. Resample at normal interval. Lubricant and filter change acknowledged.
---------------------	---	---

