

Account Information		Component Information		Sample Information	
Account Number: 768891-0000-0000 Company Name: TIKSLUMAS XL,UAB Contact: ERIKAS JANSONAS Address: ZIRMUNU STR.24-9 VILNIUS 09231 LT Phone Number: 370-620-55044		Component ID: 1053992 / N Secondary ID: Aukstaitijos vandenys Component Type: METHANE/LANDFILL/BIOGAS ENGINE Manufacturer: JENBACHER Model: J208 Application: WASTE WATER TREATMENT PLANT Sump Capacity: 260 L		Tracking Number: 26022Z36446 Lab Number: Z-260031307 Lab Location: Poznan Data Analyst: FLG Sampled: 05-Aug-2026 Submitted: 06-Aug-2026 Received: 11-Aug-2026 Completed: 11-Aug-2026	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: UNKNOWN Micron Rating: 0				Product Manufacturer: PETRO-CANADA Product Name: SENTRON CG40 Viscosity Grade: SAE 40	
Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Base Number is SLIGHTLY LOW. As Base Number depletes, the ability to neutralize acids is diminished. Acid Number is SLIGHTLY HIGH, which may be due to oxidation, contamination with an acidic product, extended drain interval, or lubricant mixing. 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
46	4	0	1	4	1	0	0	0	0	0	19	1	0	0	1	0	0	0	1	11	3095	0	306	372
47	5	0	0	4	0	0	0	0	0	0	24	1	0	0	0	0	0	0	1	10	2913	0	291	351
48	3	0	0	2	1	0	0	0	0	0	15	1	0	0	1	0	0	0	1	9	2904	0	303	381
49	5	0	0	4	0	1	0	0	0	0	19	1	1	0	0	1	0	0	1	10	3298	0	335	418
50	5	0	1	3	0	1	1	0	0	0	26	1	0	0	1	0	0	0	1	9	2994	0	294	376

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		L		%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
46	04-Nov-2025	07-Nov-2025	1404	45210	No	0	No			<.1 - FTIR	125	13.7	2.14		8	6
47	17-Dec-2025	23-Dec-2025	2156	45872	Yes	0	Yes			<.1 - FTIR	126	13.7	2.42		8	6
48	01-Apr-2026	08-Apr-2026	780	46652	No	0	No			<.1 - FTIR	123	13.6	1.61		7	6
49	18-May-2026	22-May-2026	1481	47353	No	0	No			<.1 - FTIR	124	13.6	1.97		7	6
50	05-Aug-2026	11-Aug-2026	2246	48118	Yes	0	Yes			<.1 - FTIR	128	13.9	2.27		9	7

Sample #	Particle Count (particles/mL)										Additional Testing	
	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method	Base No. D2896	i-pH
	Based On 4/6/14	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL		mg KOH / g	
46	/ /										5.7	6.1
47	/ /										4.7	6.2
48	/ /										7.2	7.0
49	/ /										5.1	5.9
50	/ /										3.6	5.9

Historical Comments	46	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Acid Number is SLIGHTLY HIGH, which may be due to oxidation, contamination with an acidic product, extended drain interval, or lubricant mixing. Aluminum is at a MINOR LEVEL; ALUMINUM sources in ENGINES include pistons, block and components (intake manifold, head, bearing caps), thrust bearings, main/rod bearing overlay or backing, alumina silica, or contamination from grease.
	47	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Silicon may be abrasive (dirt); SODIUM, POTASSIUM AND SILICON may be a by-product contaminant from the METHANE FUEL that is used in this unit; Acid Number is SLIGHTLY HIGH, which may be due to oxidation, contamination with an acidic product, extended drain interval, or lubricant mixing. Aluminum is at a MINOR LEVEL; ALUMINUM sources in ENGINES include pistons, block and components (intake manifold, head, bearing caps), thrust bearings, main/rod bearing overlay or backing, alumina silica, or contamination from grease. Abrasives (silicon/dirt) are at a MINOR LEVEL; Lubricant and filter change acknowledged.
	48	Data indicates no abnormal findings. Resample at normal interval.
	49	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Acid Number is SLIGHTLY HIGH, which may be due to oxidation, contamination with an acidic product, extended drain interval, or lubricant mixing. Aluminum is at a MINOR LEVEL; ALUMINUM sources in ENGINES include pistons, block and components (intake manifold, head, bearing caps), thrust bearings, main/rod bearing overlay or backing, alumina silica, or contamination from grease.

