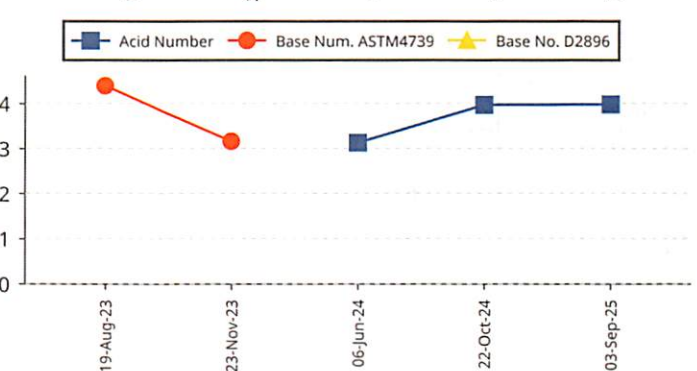
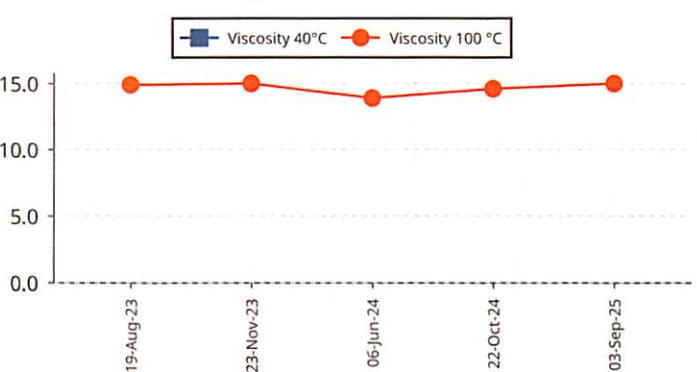
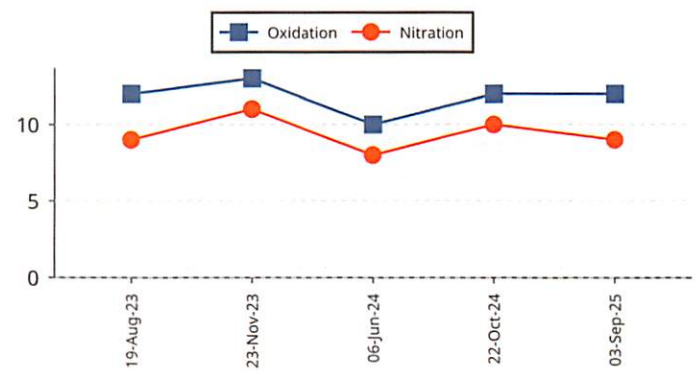
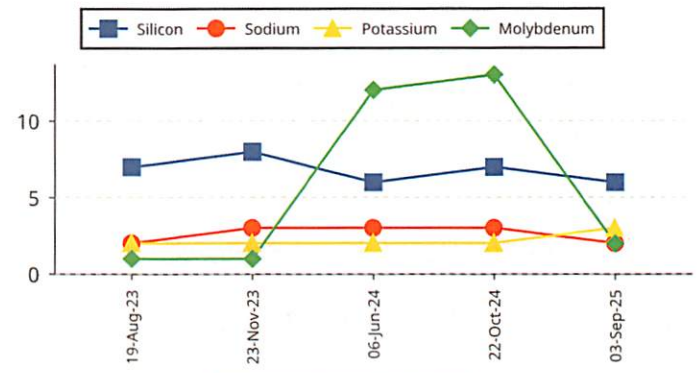
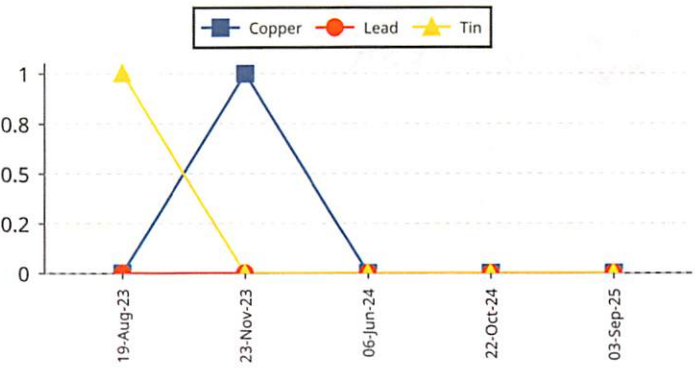
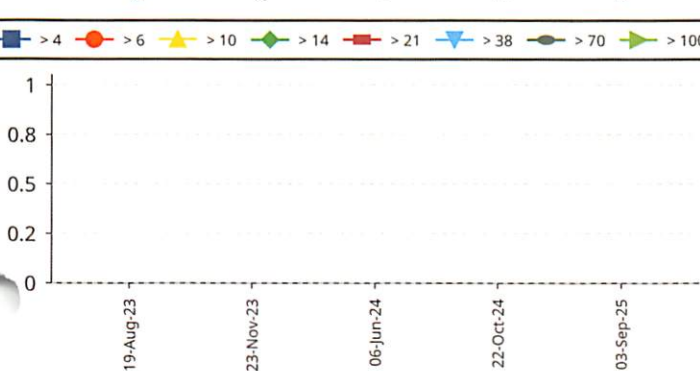
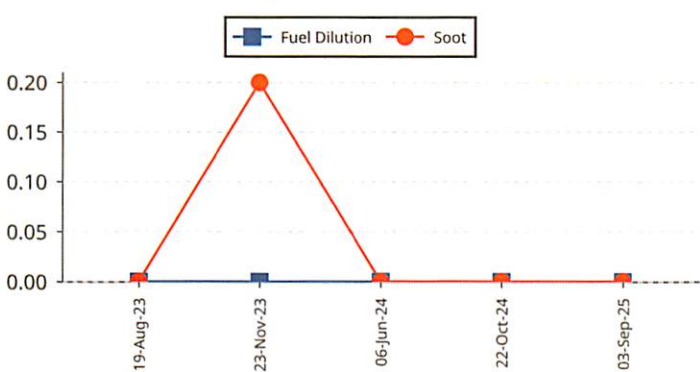
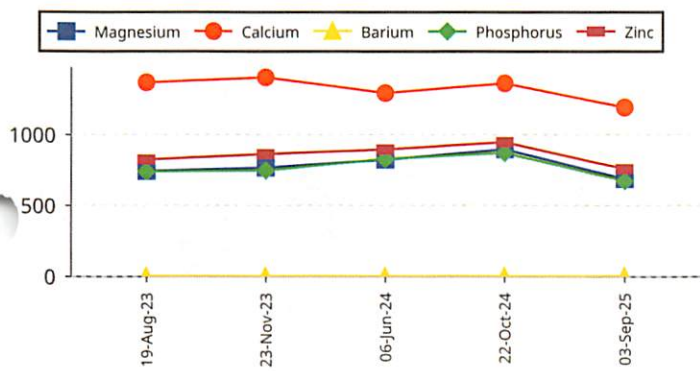
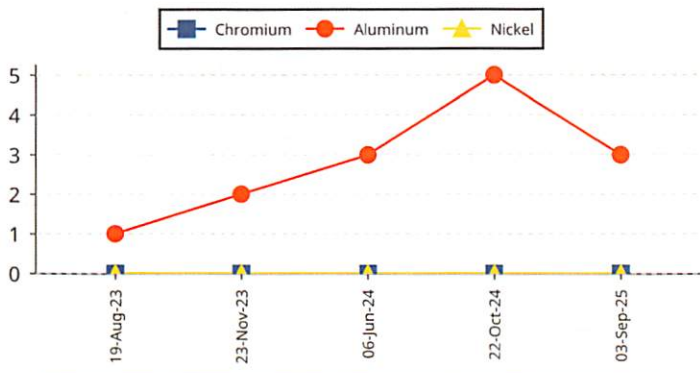
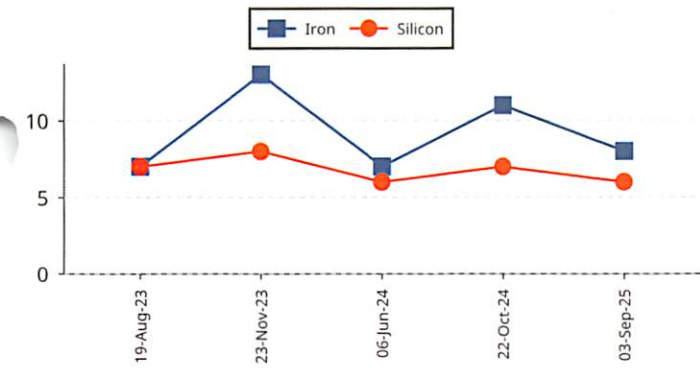


Comments are advisory only and are based on the sample information provided by the customer being valid. Results related only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.

Historical Comments	5	Data indicates no abnormal findings. Resample at normal interval.
	6	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. Lubricant and filter change acknowledged.
	7	Data indicates no abnormal findings. Resample at normal interval.
	8	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. 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. Molybdenum is slightly high for this lubricant. Lubricant and filter change acknowledged.



Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: LUB307-0037-0000 Company Name: PIDHERNEY'S Contact: CARLA MERKLIN Address: RANGE RD 70 PO BOX 940 ROCKY MOUNTAIN HOUSE, AB T4T 1A7 CA Phone Number: 403-845-3072		Component ID: 5711 LFD Secondary ID: 1FF085GXTMJ022630 Component Type: FINAL DRIVE Manufacturer: JOHN DEERE Model: 85G Application: CONSTRUCTION Sump Capacity: 2 L		Tracking Number: 24256T69158 Lab Number: E-975211 Lab Location: Edmonton Data Analyst: KDN Sampled: 22-Oct-2024 Submitted: 29-Oct-2024 Received: 31-Oct-2024 Completed: 08-Nov-2024	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: Information Requested Micron Rating: 0		Wildcard 1: Your Rep.: Cary Maxwell Wildcard 2: Ph:(403) 861-9957		Product Manufacturer: CHEVRON Product Name: MULTIGEAR EP-5 Viscosity Grade: SAE 80W90	
Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Calcium is slightly high for this lubricant. Lubricant 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
BL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	1	2	0	775	3
1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	3	0	1	0	574	0
2	0	0	0	3	0	2	0	0	0	0	1	0	0	0	0	1	0	0	2	1	1	0	655	0
3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	177	0	37	0	987	12

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 Num. ASTM4739	Oxidation	Nitration
			h	h		L		%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
BL	N/A	18-Sep-2017	0	0	Unk	0	Unk			<.1 - FTIR		14.1	1.59		3	2
1	27-Jul-2022	10-Aug-2022	499	499	Yes	0	No			<.1 - FTIR		14.1	1.36		4	4
2	06-Jul-2023	12-Jul-2023	0	1010	No	0	No			<.1 - FTIR		14.0	1.96		3	3
3	22-Oct-2024	31-Oct-2024	1345	1844	Yes	0	No			<.1 - FTIR		14.3	1.88		3	3

Sample #	Particle Count (particles/mL)										Additional Testing
	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method	
	Based On 4/6/14	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL		
BL	/ /										
1	/ /										
2	/ /										
3	/ /										

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	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Boron is slightly low for this lubricant. Boron levels may naturally decline with use so this is not a cause for concern. Lubricant change acknowledged.
	2	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Lead is at a MINOR LEVEL; LEAD source in GEAR SYSTEMS may be from BUSHING/THRUST overlay, LEAD SOLDER, Coating surface, or contamination from GREASE; Boron is slightly low for this lubricant. Boron levels may naturally decline with use so this is not a cause for concern. LUBRICANT TIME was not provided for this sample.

