JG LUBRICANT SERVICES
"Maintaining Oil and Equipment Through Science"

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Lubricant Analysis Report

North America: +1-877-251-8315

Overall report severity based on comments.

Account Information	Component Information	Sample Information
Account Number: JGLUBR-8888-1643 Company Name: JOHNSON NORTHSTAR RV INGP Contact: WADE JOHNSON Address: Phone Number: 218-287-7925	Component ID: 1GCGG25C481108202-TF Secondary ID: 2008 CHEVY EXPRESS VAN 2500 Component Type: AUTO/POWERSHIFT TRANSMISSION Manufacturer: GENERAL MOTORS Model: 2500 Application: AUTOMOTIVE Sump Capacity:	Tracking Number: 21211G23998 Lab Number: I-524339 Lab Location: Indianapolis Data Analyst: JUK Sampled: 15-Feb-2022 Received: 18-Feb-2022 Completed: 21-Feb-2022
Filter Information	**Miscellaneous Information**	**Product Information**
Filter Type: Information Requested Micron Rating: 0		Product Manufacturer: Information Requested Product Name: Information Requested Viscosity Grade: Information Requested

Comments	We recommend an Analytical Ferrogram be performed for this sample to clarify the type of wear and/or contamination present. Please contact Customer Service for additional test information. Lead is at a SIGNIFICANT LEVEL; LEAD in AUTO/POWERSHIFT TRANSMISSIONS may be leaching from the CLUTCH PACKS and/or BUSHINGS. Gear and/or bearing metal is at a MINOR LEVEL; Aluminum is at a MINOR LEVEL; ALUMINUM source in GEAR SYSTEMS may be BUSHING/THRUST metal, ALUMINA SILICA (Dirt), HOUSING metal or contamination from ALUMINUM COMPLEX GREASE; LUBRICANT TIME was not provided for this sample. Resample at half interval. Action;

	Wear Metals (ppm)										Contaminant			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample#	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	273	0	1	48	116	715	8	0	0	0	13	11	1	0	1	0	4	0	41	1	63	0	168	17

	Sample Information							Contaminants			Fluid Properties					
Sample#	DateSampled	DateReceived	LubeTime mi	UnitTime mi	LubeChange	Lube Added gal	FilterChange	Fuel Dilution %	Soot %	Water %	Viscosity °C 40 cSt	Viscosity °C 100 cSt	Acid Number mg KOH / g	BaseNo. D4739 mg KOH / g	Oxidation abs / cm	Nitration abs / 0.1mm
1	15-Feb-2022	18-Feb-2022	0	150112	No	0	No			<.1 - FTIR		5.4	0.76		17	4

	Particle Count (particles/mL)										Additional Testing
Sample#	ISOCode Based On 4/6/14	4 > particles / mL	6 > particles / mL	10 > particles / mL	14 > particles / mL	21 > particles / mL	38 > particles / mL	70 > particles / mL	>100 particles / mL	TestMethod	
1	/ /										