

**RITCHIE EQUIPMENT, INC.**  
**PAUL BARNETTE**  
**P.O. BOX 1588**  
**PRINCETON, WV 24740**

COMPANY NAME : RITCHIE EQUIPMENT, INC.  
 CUSTOMER EQUIP NUM : 2810  
 COMPARTMENT NAME : TRANSMISSION  
 SERIAL NUMBER : LJ592810  
 MANUFACTURER : INTERNATIONAL  
 MODEL : 4300  
 JOB SITE :  
 EXT WARR NUMBER :

SHOP JOB NUM :  
 COMP SERIAL NUM :  
 COMPARTMENT MODEL :  
 COMP MANUFACTURER :  
 SAMPLE LABEL NUM :  
 FLUID BRAND/WEIGHT :  
 FLUID TYPE :  
 EXT WARR EXPIRE DATE :  
 FUEL CONSUMED :



**Fluids Analysis Laboratory**  
**1330 Lynchburg Turnpike**  
**Salem, VA 24153-5457**  
**540-387-1111**  
**www.cartermachinery.com**

FAX: 304-325-6525  
 PHONE: 304-325-6525  
 SAMPLE TYPE: **OIL**  
 SAMPLE SHIP TIME (days) : 3

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
D100-50247-0233	31-Aug-2020	03-Sep-2020	1427 HR	1427 HR	No			
<div style="border: 1px solid green; padding: 2px; display: inline-block;">No Action Required</div> NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.								

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ti	V	Ca	Mg	Zn	P
D100-50247-0233	0	2	0	4	1	0	1	2	0	270	0	0	0	0	0	55	1	14	255

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	V100	PQI	ISO	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ
D100-50247-0233	0	60	4	54	N	N	17.2	5	20/18/14	8068	1879	335	89	51	37	9	5

Ag = Silver, Al = Aluminum, B = Boron, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, P = Phosphorus, K = Potassium, Li = Lithium, Mg = Magnesium, Mo = Molybdenum, Na = Sodium, Ni = Nickel, Pb = Lead, Si = Silicon, Sn = Tin, S = Sulphur, V = Vanadium, Zn = Zinc, A = Antifreeze, F = Fuel, W = Water, P = Positive, N = Negative, T = Trace, E = Excessive, NIT = Nitration, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content, PQI = Particle Quantifying index, NaW = Salt Water, FL Pt = Flash Point, TAN = Total Acid Number, TBN = Total Base Number, H2O = Karl Fisher result, V100 = Viscosity@100C, V40 = Viscosity@40C, PVI = Particle Volume Indicator

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof.