

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

COMPANY NAME : RITCHIE EQUIPMENT, INC.
 CUSTOMER EQUIP NUM : 7094
 COMPARTMENT NAME : HYDRAULIC SYSTEM
 SERIAL NUMBER : 1HTMAAN47
 MANUFACTURER : UNKNOWN
 MODEL : 4300_UNKNOWN
 JOB SITE :
 EXT WARR NUMBER :

SHOP JOB NUM :
 COMP SERIAL NUM :
 COMPARTMENT MODEL :
 COMP MANUFACTURER :
 SAMPLE LABEL NUM :
 FLUID BRAND/WEIGHT : 10W
 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
D100-50230-0209	14-Aug-2020	17-Aug-2020	7448 HR		No			
<div style="border: 2px 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
D100-50230-0209	9	6	0	4	1	0	2	4	0	42	0	0	0	0	0	80	2	461	407

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	V100	ISO	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ
D100-50230-0209	0	12	3	20	N	N	5.2	20/17/13	6892	1013	181	51	31	23	8	4

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.