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

FAX: 304-325-6525
PHONE: 304-325-6525

SAMPLE TYPE: **OIL**
SAMPLE SHIP TIME (days) : 2

COMPANY NAME :	RITCHIE EQUIPMENT, INC.
CUSTOMER EQUIP NUM :	2815
COMPARTMENT NAME :	HYDRAULIC SYSTEM
SERIAL NUMBER :	JS9284
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 :	
FLUID TYPE :	
EXT WARR EXPIRE DATE :	
FUEL CONSUMED :	

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

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
D100-50234-0107	19-Aug-2020	21-Aug-2020	1857 HR		No			

No Action Required

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
D100-50234-0107	9	1	0	3	2	0	1	1	0	0	1	0	0	0	0	67	1	439	376

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	V100	ISO	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ
D100-50234-0107	0	14	3	22	N	N	5.5	19/16/12	3097	576	134	39	22	17	4	2

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