

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

FAX: 304-325-6525

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SAMPLE TYPE: **OIL**

SAMPLE SHIP TIME (days): 2

COMPANY NAME : RITCHIE EQUIPMENT, INC.

CUSTOMER EQUIP NUM : 2810

COMPARTMENT NAME : HYDRAULIC SYSTEM

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

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
D100-50247-0218	01-Sep-2020	03-Sep-2020	1427 HR	1427 HR	Unknown			

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
D100-50247-0218	8	2	0	5	3	0	2	3	0	1	0	0	0	0	0	50	2	475	404

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	V100	PQI	ISO	4µ	6µ	10µ	14µ	18µ	21µ	38µ	50µ
D100-50247-0218	0	14	3	22	N	N	5.2	6	18/15/11	1568	251	40	13	9	8	3	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

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.