

CONTACT INFORMATION

EQUIPMENT
EQUIP NUM: B15005
SERIAL NUMBER: 8TM00560
MODEL : D6R
MANUFACTURER : CAT
COMPANY NAME : IRON RIDGE CO
JOB SITE :
AREA:
REGION:

SAMPLE INFORMATION
COMPARTMENT NAME : TRANSMISSION POWER SHIFT
COMP SERIAL NUM:
COMPARTMENT MODEL :
LABEL#:
SHOP JOB NUM : B15005
SAMPLE TYPE: OIL
SAMPLE SHIP TIME (days) : 6
SAMPLE LOCATION :

Interp By:

Monitor Compartment	<p>IRON IS HIGH. SUGGEST CUTTING OIL FILTER OPEN, PULLING OUT PLEATS AND CHECKING FOR VISIBLE METAL PIECES. YOUR FINDINGS SHOULD HELP DETERMINE WHAT OTHER ACTIONS ARE NECESSARY. CONTINUE TO MONITOR COMPARTMENT BY SAMPLING AT RECOMMENDED INTERVALS.</p> <p>PRIORITY: Normal</p> <p>LAB # E500-50171-2014</p>
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WEAR/CONTAMINATION - ADDITIVES/FORMULATION																											
SAMPLE DATE	SAMPLE ID	METER	METER ON FLUID	FLUID CHANGE	FILTER CHANGE	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	Mo	Ni	Ag	Ti	V	Mn	Cd	Ca	P	Zn	Mg	Ba	B
6/13/2020	E500-50171-2014	24645.0		U		18	95	0	1	0	1	9	6	2	5	0	0	0	0	1	0	3142	818	1021	26	0	8
11/19/2018	E500-48327-0044	23899		Y		2	104	0	0	0	0	6	1	0	2	0	0	0	0	1	0	3423	880	1058	16	0	5
11/30/2017	E500-47339-0242	22913		Y	Y	2	134	0	1	0	0	6	1	1	2	0	0	0	0	1	0	3382	836	1072	20	0	6
1/5/2017	E500-47010-0281	22262		Y		3	170	0	1	0	0	9	2	1	2	0	0	0	0	1	0	3804	905	1104	22	0	6
10/23/2015	E500-45307-0289	21675	0	Y	U	2	192	0	2	0	0	6	5	2	3	0	0	0	0	1	0	3213	1121	1329	60	0	5
1/14/2015	E500-45021-0205	20827	0	Y		5	509	1	2	1	0	8	6	2	9	1	0	0	0	3	0	2764	1043	1248	130	0	6

OIL FORMULATION - OIL CONDITION - OIL CONTAMINATION																
SAMPLE DATE	SAMPLE ID	FLUID BRAND	FLUID TYPE	FLUID WEIGHT	FLUID CHANGE	FILTER CHANGE	V100	ST	OXI	SUL	NIT	W	A	F	PQI	ISO
6/13/2020	E500-50171-2014	SHELL	AST T-30	30	U		13.4	0	6	13	4	N	N		26	23/21/17
11/19/2018	E500-48327-0044	SHELL	AST T-30	30	Y		13.4	0	6	13	4	N	N		61	23/21/11
11/30/2017	E500-47339-0242	SHELL	Donax TC	30	Y	Y	13.1	0	7	14	3	N	N		54	23/23/14
1/5/2017	E500-47010-0281	SHELL	Donax TC	30	Y		13.2	0	8	16	5	N	N		57	23/22/15
10/23/2015	E500-45307-0289	SHELL	Donax TC	30	Y	U	11.2	0	5	21	6	N	N	N	62	22/13
1/14/2015	E500-45021-0205	SHELL	Donax TC	30	Y		11.2	0	7	18	5	N	N	N	204	23/19

A = Antifreeze, Ag = Silver, Al = Aluminum, B = Boron, Ba = Barium, Ca = Calcium, Cd = Cadmium, Cr = Chromium, Cu = Copper, Fe = Iron, ISO = ISO Rating, K = Potassium, Mg = Magnesium, Mn = Manganese, Mo = Molybdenum, NIT = Nitration, Na = Sodium, Ni = Nickel, OXI = Oxidation, P = Phosphorus, PQI = Particle Quantifying index, Pb = Lead, ST = Soot, SUL = Sulfation, Si = Silicon, Sn = Tin, Ti = Titanium, V = Vanadium, V100 = Viscosity@100C, W = Water, Zn = Zinc

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.