

Willard Storage Battery Company

MAIN OFFICE AND FACTORY

246-286 E. 131ST ST.

Cleveland 1, Ohio

April 30, 1948

Robert A. Kehoe, M. D.
Kettering Laboratory
Eden Avenue
Cincinnati 19, Ohio

Dear Doctor:

We have sent to you by parcel post urine and blood specimens which were collected from our employee, Mr. [REDACTED] on April 23, 1948. We would appreciate having a report on the lead level determinations as soon as possible.

Mr. [REDACTED] was first hired by this company on April 9, 1942. He is white, 50 years of age, 5'6¹/₂" and weighs 127 pounds. Pre-employment examination: Heart and lungs O.K.; abdomen negative; reflexes O.K.; no hernia; blood pressure 103/80 and pulse 74.

He worked in our Plate Repair Department from the hire date until November 22, 1946 except for a period of a few months when he was in the Army and was discharged because of age. A separate chart of examinations and stippled counts from October 1944 to date is attached.

In August 1945 we requested a transfer to non-exposure work for him because of elevated stippling. Mr. [REDACTED] refused the transfer, stayed at home for ten days and came back to work on the same job. He stayed on this job then with moderate stippling until the department was abandoned in November 1946. He worked on a minimal exposure job from November 22, 1946 until April 21, 1947. His work from this date until April 1, 1948 has consisted in cutting lead basted plates on a small circular saw or trimming plates on a foot shears.

Dust concentration in the Plate Repair Department in 1945 ranged from 0.44 to 3.13 mg in 10cc of air at various work positions. The concentration at his work from November 22, 1946 to April 21, 1947 was below .5 mg. At the saw position the concentration was 0.94 mg in January 1947. A previous reading on this job taken in April 1945 showed 14.1 mg. A reading at the shears in 1947 showed 5.94 mg which is the result of a lack of an efficient exhaust.

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A transfer to non-lead was again refused by this man on April 2, 1948 and he has not worked since that time. He insisted that, as in 1945, a few days off would clear him up. He stated that his heavy drinking was as much the cause for stippled count elevation as was the lead. This case appeared to be one of lead absorption but because of his recent complaints we are reporting the case to the Industrial Commission.

Yours truly,

Willard Storage Battery Company

W.B. Hutchinson M.D.

William B. Hutchinson, M. D.

WBH:gms

Enclosure

PHYSICAL EXAMINATIONS OF WILLIAM WOODRICH
Taken from the Medical Files of Willard Storage Battery Company

Date	Wt.	St. Cells	Grip R. L.	Examination, Diag. and Treatment
10/27/44		5	125/110	
12/3/44 Abs. Unk.				
1/6/45				Superficial skin lac. with flap on 1st knuckle dorsum of lt. hand - cl with H ₂ O soap. Merth Bandaid.
2/4-5/45 Abs. Unk.				
7/6/45				Resume work. Off 2/4-5/45 - sprained wrist Face changed from respirator.
2/19/45	136	15	120/125	Note: His slide shows an apparent considerable increase in white count due to monocytes and immature mononuclear cells which may represent those of infection mononucleosis.
2/21/45				Wooden splinter underneath rt. 4th fingernail. Merth. F.B. removed. Nail trimmed.
2/26/45	135	17	135/130	Insomnia
3/1/45	135	13	110/115	Calc - Return 5 days. Started wearing regular respirator again and has dermatitis of face from respirator.
3/7/45	137	15	135/150	Insomnia, Return in 5 days.
3/12/45	133	16		Feels fine - no complaints. This man admits he uses a lot of alcohol. Calc.
3/14/45	139	10	120/110	Calc.
3/20/45		5		
3/23/45	134	4	125/120	Wears respirator.
4/9/45 Unk.				
4/17/45 Unk.				
4/13/45				Resume slip signed for 4/17/45. Sick
4/20/45	132	13	135/120	Ret. 2 weeks.
4/21/45 Unk.				
4/23/45				Resume slip signed for 4/21/45. Sick
5/4/45		21	130/125	Ret. 2 weeks
5/9/45	137	12	115/110	
5/16/45	133	5		
6/3/45	136	10	115/110	
6/23/45 Abs. Unk.				
6/27/45	132	13	115/120	
6/30/45 Abs. Unk.				
7/2/45				Resume slip signed for 6/30/45. Sick
7/5-6-7/45 Abs. Unk.				
7/9/45				Resume slip signed for 7/5-6-7/45. Sick
7/13/45 Abs. Unk.				
7/14/45				Resume slip signed for 7/13/45. Sick
7/24/45	131	21	130/120	
7/23/45 Abs. Unk.				
7/24/45				Resume slip signed for 7/23/45. Sick
8/23/45	132	23	120/115	
8/31/45	131	22	120/90	Ret. 1 week. Trans to N. P.
9/4/45	129	16	110/100	
9/7/45	130	11	120/105	
9/14/45	127	ng	120/120	
9/15/45				On Q.S. 9/15/45
9/13/45	130	7		No symptoms at all

Date	Wt.	St.Cells	Grip R.L.	Examination, Diag. and Treatment
9/13/45				Reinstated. L.D.W. 9/3/45. Off to bring lead count down. Does not want transfer. Transfer Cancelled.
9/2/45	131	3	110/30	
9/23/45	129	11	115/105	Get. 1 week.
10/1-2-3/45	Abs.Unk.			
10/4/45				Resume slip signed for 10/1-2-3/45. Sick.
10/11/45	129	11	125/115	
10/22/45	130	6	120/95	
10/22/45				F.B. in lt. eye coming to work. Removed same.
11/3/45	129	6	100/115	
11/19/45	Abs. Unk.			
11/20/45				Resume slip signed for 11/19/45. Funeral.
12/7/45	130	1	120/110	
1/17/46	125	7	115/110	Wears respirator.
2/3/46	125	0	115/120	
2/10/46	125	2	100/125	
2/13/46	122	0	120/120	
4/16/46	120	1	115/115	
5/2/46	120	1	13-/130	
5/4/46	122	1	125/125	
8/9/46	115	0	120/100	
3/5/46				Sick
3/9/46				Resume slip signed for 3/5/46. Sick.
9/16/46	120	10	105/125	
9/26/46	120	4	?	
11/1/46	125	3	120/125	
11/22/46				Transferred to Misc. Assen. "Y" New No. 7100
11/25/46	122	1	?	
12/14/46				Something in eye when he got up this AM. F.B. under right upper lid removed.
1/16/47	124	1	130/120	
1/23/47	Abs. Unk.			
1/27/47				Resume slip signed for 1/23/47. Cold settling in groin.
2/11/47				Resume slip signed for 2/6-7/47. Bronchitis and grippe.
2/19/47	127	0	?	
2/20/47				Resume slip signed for 2/17-18/47. Pleuresy and grippe.
4/6-7/47	Abs.Unk.			
2/17-18/47	Abs.Unk.			
3/7/47				Resume slip signed for 3/3/47. Swollen instep.
3/3/47	Abs.Unk.			
3/26-27-28-31/47	Abs.Unk.			
4/2/47				Resume slip signed for 3/26-27-28-31, 4/1/47. Pleurisy and flu.
4/11/47				On C.D. 4/12/47
4/15/47				Drawing pay. Off sick.
4/17/47				Reinstated. L.D.W. 4/4/47. Sick with flu. Note on file from IMD.
4/1/47	Abs.Unk.			
4/7-8-9-10-11/47	Ill			

To Whom It May Concern:
 "This is to state that Mr. Woodrich is under

Date	Wt.	St.Cells	Grip R.L.	Examination, Diag. and Treatment
1/1/47				Transferred from MAG #7100 to Flate Pin. #3114.
1/3/47	113	2	100/105	
4/23/47				Lac. on dorsal aspect of rt. thumb. No evidence of tendon or nerve damage. (Acc.Rep.)
5/13/47				Dressing of rt. thumb. Denuded area on back of thumb.
5/17,26/47 Abs. Unk.				
6/9/47				Resume slip signed for 5/17,26/47. Cold and lack of sleep.
6/5/47	122	4	115/105	
6/14/47 Abs.Unk.				
6/21/47 Abs. Unk.				
7/1/47	124	7	110/105	
7/2/47 Abs.Unk.				
8/20/47				Bruise (?) rt. shin bone - no skin break. (A.R.)
9/3/47	127	13	120/105	
9/3/47	126	16	130/120	
9/12/47	127	22	120/120	
9/13/47	123	20	135/115	
9/22/47	123	3	135/115	
9/25/47	129	2	115/120	
9/13-20-22-23-24-27/47 Abs.Unk.				
10/2/47				Resume slip signed for 9/2, 9/13-20-22-23-24/47. Pay fever and lead.
10/14/47	123	12		
10/4,11-13-25/47 Abs.Unk.				
11/24/47	129	13		
11/1/48 Abs.Unk.				
12/2/47	129	3		
12/16/47	131	9	110/130	
1/22/48	130	17	120/115	Cold.
1/30/48	131	9	110/100	Cold.
2/1/48	131	14	110/120	
2/10/48	132	29	90 /100	
3/16/48	133	7	?	
3/19/48	132	10	130/100	
3/29/48	132	33	115/120	
4/1/48	133	32	110/110	
4/6/48	130	31	115/135	Was transferred to N.P. job last week but apparently refused transfer and is staying home. States he was drinking heavily in recent past. Not working now.
4/12/48		24		On Q.S. L.D.W. 4/2/48 (Note above) No complaints. States that heavy drinking caused elevated stipple count. OK for work. N.P. transfer since 4/1/48.
4/14/48		14		
4/19/48	123	6		No symptoms. Wishes to stay away from work un-