



WEBSTER INDUSTRIES

325 HALL STREET · TIFFIN, OHIO 44883
419-227-8232 · 800-243-9327 · fax 419-448-1618

www.websterchain.com

March 21, 2016

SUBJECT: Extended Chain Life Testimonial

LOCATION: Idaho Forest Group LLC - Chilco Plant
Athol, ID

CHAIN: 210 Feet
Steel Bushed Roller (SBR) Chain, 2.500" Pitch, Double Strand with 9/16" pin.

APPLICATION: Dog Chain Conveyor

SITUATION: Plant was getting six (6) months of life out of the existing chain.

Webster was charged with the task of improving the life of the application. We took a used sample piece of the Viking chain and had our Engineers evaluate the problems and make suggestions for improved chain life. Please see the attached Webster Inspection Report No. I12-0176.

FACTS: The conveyor chain was replaced when the sidebar would break at the attachment and the wheels that roll on the rails would have a flat spot, so the wheels would slide only, causing a lot of downtime. They would constantly change a section or connection links to keep the chain running.

Webster's cost was 10% more than competitions chain.

Labor cost at the plant is \$65.00 per hour.

Replacing the chain takes two (2) men four (4) hours.

COST ANALYSIS: First six (6) months:

	<u>WEBSTER</u>	<u>COMPETITION</u>
Chain Cost	\$28,526.40	\$25,673.76
Remove old chain	\$ 260.00	\$ 260.00
Install new chain	\$ 520.00	\$ 520.00
Shorten chain and fix breaks	\$ <u>0</u>	\$ <u>2,340.00</u>
Total first six (6) months	\$29,306.40	\$28,793.76



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COST ANALYSIS: First one (1) year:

	<u>WEBSTER</u>	<u>COMPETITION</u>
Chain Cost	\$ 0	\$25,673.76
Remove old chain	\$ 0	\$ 260.00
Install new chain	\$ 0	\$ 520.00
Shorten chain	\$ <u>65.00</u>	\$ <u>2,340.00</u>
Total after one (1) year	\$29,371.40	\$57,587.52

After one year, the Webster chain is still running, the saving from using Webster Chain is \$28,216.12.

This savings was generated by spending \$2,852.64 more for a Webster chain initially.

Jeremy Miller
Maintenance Supervisor
Idaho Forest Group LLC - Chilco Plant
Athol, ID