

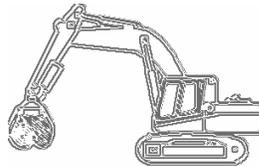


### Forestry Applications:

**Cote Industries Ltd.** of Vancouver, B.C. is having incredible success using Zincaloy in idler sprockets and as kiln cart bushings, for the sawmill industry. The Zincaloy idler sprockets are lasting 3 to 5 times longer than both 660 bronze or plastic and with Cote's innovative scaling system they are lasting longer still. In the extreme conditions of a drying kiln the Zincaloy bushings are lasting up to 6 times longer than plastic with no flat spotting distortion or damage to shaft or wheel.

**Dick's Machine Shop** of Eugene, Oregon - a job shop for local wood products mills, is using Zincaloy for Acme threaded bushings, replacing 660 bronze. Used in spots where lubrication is difficult to accomplish and 660 has seized, Zincaloy is still going strong after four months without lubrication.

**Weldco-Beales Manufacturing Ltd.** in Edmonton, Alberta, has been using ZA-12 for a variety of forestry equipment applications for about 3 years. Jaw and outrigger pivot bushings, slider bearings on button-top grapples, and boom and stick bushings on log loaders are just a few of the applications where ZA-12 has excelled. They have noticed longer hushing and shaft life, shorter downtimes as well as material cost savings. This success has encouraged Weldco's research and development people to consider ZA- 12 whenever superior performance is required



**High Level Forest Products Ltd.** in High Level, Alberta has replaced plastic and bronze with ZA- 12 for bushings in the idler sprockets in their lumber mill and in the sheaves for the sorter in the sawmill. ZA- 12 has greatly reduced their downtime maintenance costs.

**C.M.C. Technology, Inc.** of Chichester, New Hampshire is a manufacturer of sawmills and lumber handling equipment. Prior to October, 1991, they had a special application where bearing bronze was utilized. In October they made a trial run of ZA-12 for this application. They haven't looked back. Their customers report longer life of the component, and clearly stipulate that upon reorder, only ZA-12 is acceptable.

### Other Zinc Success Stories:

#### Grapple Hooks

##### **C.W.S. Industries, Ltd.**

C.W.S. of Surrey, B.C. is one of western Canada's leading manufacturers of attachments for off highway machinery. They have incorporated the use of Zincaloy into their production line for the past 3 years. Zincaloy bushings are used on log loader grapples, booms and sticks, hydraulic cylinder eyes and for thumb attachments on bucket assemblies. Zincaloy has withstood the rigors of west coast logging and construction, thereby prompting C.W.S. engineers to look for other new uses for Zincaloy bushings.

**Crane Equipment** of Eugene, Oregon is using Zincaloy bushing stock in their "Grizzly" loaders for the grapple pin bushing with great success.

**States Industries** of Eugene, Oregon - a veneer panelling manufacturer, is getting greatly extended bushing life in its scissor-hoist applications using Zincaloy.

**Fletcher Challenge** in Campbell River, B.C. has replaced hardened steel bearings with ZA-12 in the pivot points on their yarding grapples reporting 3 to 4 times longer pin life. Fletcher Challenge also uses ZA-12 on hydraulic grapples and in trunnion bearings on trucks to replace bronze.

Other regular users for similar equipment are: Weldco Beales Manufacturing Ltd. of Vancouver, B.C., CWS Industries Ltd. of Vancouver, B.C. Promac Industries Ltd. of Port Alberni B.C., S. Madiill Ltd. of Nanaimo, B.C.



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