



INFORMATION BULLETIN

NO: B-L4 090507 1

OTIS CT DRIVING-MACHINE OUTBOARD SHEAVE SHAFT BEARING LUBRICATION

Date of Issue: May 7, 2009

This bulletin is to notify elevating devices contractors about potential failure of the outboard sheave shaft bearing on this type of machine due to a lack of lubrication of this bearing. This failure may affect and cause, in turn, failure of other driving-machine components, e.g., the worm or gear, rendering the elevator operation unsafe.

Recently, two units with this type of machine suffered outboard sheave shaft bearing failures due to a lack of lubrication. It is possible for the sheave to be disconnected from the mechanical power source when this bearing fails.

CT driving-machine outboard sheave shaft bearing caps have a plug installed in them. The plug is to be removed and a grease nipple installed. The bearing should be lubricated with Shell Alvania EP2 grease or equivalent. Care should be taken not to over-grease.

A handwritten signature in black ink, appearing to read "Janice Lee", with a long horizontal stroke extending to the right.

Janice Lee, P. Eng.
Provincial Elevating Devices Safety Manager

References:

Bill 19 – 2003	Safety Standards Act
B.C. Reg. 105/2004	Safety Standards General Regulation
B.C. Reg. 101/2004	Elevating Devices Safety Regulation
B.C. Reg. 137/2004	Safety Standards Act Repeal and Transitional Provisions Regulations

For more information on the British Columbia Safety Authority, please visit our web site at:
www.safetyauthority.ca