



AMERICAN & OHIO LOCOMOTIVE CRANE CO.

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OEM Product Support Bulletin

No. 28

DATE: February 24, 2009 (revision date)

SUBJECT: WIRE ROPE SHEAVE INSPECTION

RATING: **DIRECTIVE** **ALERT**
(Action is required)

INFORMATION **PRODUCT IMPROVEMENT**
(Enhance Product)

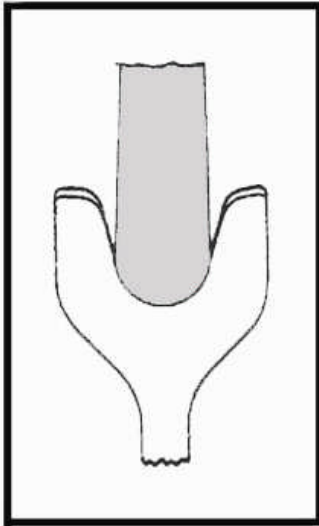
Machine Model (s): All American & Ohio Locomotive Cranes

Serial Numbers: n/a

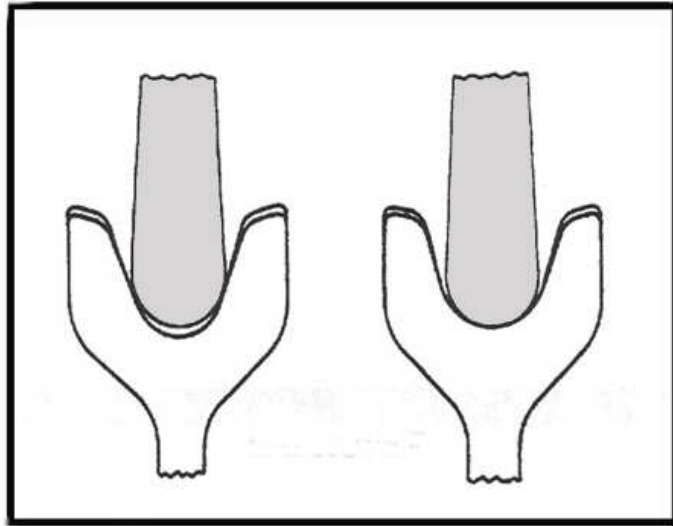
Summary: Inspection of Wire Rope Sheaves

Operational Impact:

- Rope sheaves should be periodically inspected for roughness and worn spots.
- Worn sheaves may damage the rope which could result in rope breakage or bad spooling.
- A proper fitting sheave should support the rope over 135 - 150 degrees of rope circumference.
- An inspection gauge would be of the nominal rope plus one half of the allowable rope oversize.



Correct



Incorrect

- Lubricating the Wire Rope and the Rope Sheaves will reduce wear, thus increasing the life of the Wire Rope and the Sheave.