

NIOBEC MINE'S SHEAVE LININGS

CUSTOMER'S SITUATION

During hoisting, some sections of the urethane that lines the mine's sheaves were splitting lengthwise and breaking at the bolt holes, with pieces falling off. Production would grind to a halt and the steel cables suffered excess wear and tear.



SOLUTION

After analyzing the materials and testing them in our lab, we were able to make recommendations and test them in a few sections of the mine. Result: Problem solved. With our solution, Niobec can predict wear based on tonnes hoisted.

ADVANTAGES

Our client sets their maintenance schedule according to these new calculations, thus avoiding costly unplanned maintenance.