

SENSATIONAL NEWS FROM CHILE TESTING OF RESURS-T AT COPPER MINES



photo 1. Cooper mine in Chile

At the beginning of May 2008 Chilean partner Drago Lyubetich reported about joint experimental tests with the owner of the mine near the city of Valdivia to loaders of mark DAEWOO with a system of wet brakes.

The principle of wet braking system is that each of the four wheeled gearbox has a total lubrication system with a system of brake discs, which is hold in the tank. Applied oil specifically to these assemblies almost does not have a difference from the transmission oil.

In connection with the intense working rhythm and high temperatures loaders break down. The brake oil temperature increases up to 140 degrees, oil loses viscosity and lubricating effectiveness. In connection with that process accelerated wear discs, and the noise level was significantly higher than permissible limits during loader braking.

The experiment started with adding **RESURS T 50gr** for each 16 liters tank volume. Braking performance has not changed, but significantly reduced noise indicating the positive results. Since then, it was decided to change oil in each of the four tanks and to add 150 grams RESURS T in each tank.

After a short time during braking noise decreased twice and oil temperature decreased from 140 degrees to 62! Leadership of the mine had been contented and decided to apply RESURS T at all loaders, which involved at this mine.

VMPAUTO recommends RESURS T for all kinds of equipment with liquid braking system