

## **CASE STUDY: Store Norke Coal Mine, Svalbard, Norway**

### **The Problem**

Tyre Protector were invited to Svalbard, Norway to examine the working conditions at a coal mine on the island and the resulting puncture problems associated with the daily running of their vehicles.

During the visit the management team expressed concern over a number of different types of vehicles but especially their fleet of Toyota pickups which made up their support fleet.

They had 80 Toyota 4x4 pick ups in service and a tire contract with Goodyear.

From the inception of the mining project they had never been successful obtaining the maximum life out of the tires due to continuous puncture related problems.

### **The Solution**

Tyre Protector tested various volumes of product to enable the protection of not only the tread area but more importantly the shoulder area.

Speed was not a consideration as the vehicles were regulated to a maximum speed of 40kph.

The result was that an agreed volume of product would be tested in the tires and the results monitored.

Because of the location it was decided that an immediate test was needed.

Tyre Protector proceeded to puncture a number of tires in a way that replicated the history of Punctures experienced by the Customer. A 100% success rate was achieved, albeit in a controlled manner.

**Testimonial** - Oddvar Larsen Norske Spitsbergen Grubekompani AS

“Since the introduction of Tyre Protector we have seen a 80% reduction in punctures with our Toyota 4x4's”

“We have seen a saving in the number of tires purchased”.

“We are now seeing the benefits of all the vehicles that use Tyre Protector especially the underground vehicles that were giving us problems with lost production when they were down with punctures.”

