

Corrosion test, Boron CLS Bond™

Tests commissioned by Tribolator AB

Fall 2001

Corrosion tests of steel prepared with LuBoron™ grease and exposure in an aggressive environment.

The corrosion test method is designed as following:

Untreated steel plates are exposed to a 8% NaCl solution for 4 weeks. After the test period the treated and untreated steel sample was analyzed.

Result:

All samples of un prepared steel samples showed significant corrosion already after a few hours.

The samples that were prepared with LuBoron™ with Boron CLS Bond® ingredient (In the test grease 18F-Under water with a water wash out of 1.9% according to LuBoron™, LLC) showed no tendency of corrosion. After 4 weeks exposure, still no indication of corrosion (See picture, 1000 x magnification).

Tests were conducted during 2001 by Micromy AB, Hägernäs, Sweden.

