



## Wear Testing - ASTM G65

There are a number of different types of wear. Low stress or scratching abrasion is probably the most predominate in the mining industry. A quantitative method of measuring a material's resistance to this scratching type abrasion is the Dry Sand Rubber Wheel Test, or ASTM G65. This test characterizes materials in terms of weight loss under a controlled set of laboratory conditions. Correlation to actual field conditions may be influenced by other wear parameters such as the amount of impact, corrosion, galling, etc. Nevertheless, valuable insight into a materials field performance may be gained by examining the results of this test against a material's chemistry and microstructure. This then is the criteriain which all materials used in abrasive wear applications should be subjected.

