

Differences are noted in Brand "A's" wet bulk volume reported today as average 170-180 cc, compared to 1976/1977 with reported wet bulk volume of 155-175 cc. This grade has a range of 150-180 cc. Brand "B" shows a more stable wet bulk volume with reports of 220-280 cc average, having a range of 200-325 cc.

Inorganic Friction Modifier "A": Poses no problem with a metallic oxide content reported of 100% spec. is 99.85% minimum. The particle size is 0 trace on +325 with an allowable 1% limit.

Inorganic Friction Modifier "B": The specification range for particle size is 2% maximum on +40 mesh screen to 93% minimum on +325 screen. Raw material inspections check out as 0% on +40 mesh and average 96-97% on +325 mesh.

Filler materials are all reported as meeting the spec. of 1% maximum on +325 mesh with 0% to a trace of material on the +325 mesh screen.

The friction abrasive used in this formulation has a particle spec. of 5% maximum on +200 mesh screen. The record shows this material had a range of 0 to 3% for the time period 1976/1979.

2. Physical Properties

Gogan and specific gravity data through the period of 1976-1979 does not indicate a specific trend. The gogan range is 18-36. The average reported is in the area of 26-33.

The lining produced for the time period stayed within the gravity range of 1.91-2.02.

Acetone Extract: The specification for the extract is 2.5% maximum. The extracts reported were 2% average for 1976 and 1978/1979. The extract for 1977 were averages of 2.27%, all well within tolerance.