PLAINTIFF'S EXHIBIT

MAR-323

Department of Industry
Ministry of Technology

LABORATORY OF THE GOVERNMENT CHEMIST

Cornwall House, Stamford Street, London S.E.1
Telephone: Waterloo 7900 Ext. 427

Please address any reply to the Government Chemist and quote:
Your reference: FMM/JW

24 June 77

Report on the examination of TWO samples of BRAKE LINING WEAR DUST FOR CRYSOTILE ASBESTOS & FORSTERITE BY X-RAY DIFFRACTION.

received from F. M. MILNE FERODO LTD

on 9 JUNE 77

Laboratory No. 81/D6/364

A qualitative examination of both samples D6/5 disc brake and D6/4 Test House dust showed by XRD that there was little crystalline material present in either sample. No evidence was found for the presence of crysotile or forsterite in either sample.

A quantitative estimation of the crysotile concentration by comparing the intensities of the 3.66 crysotile line with the 3.1 silicon line of an internal standard gave a crysotile concentration between 0 and 5% in both samples. The reason for the rather poor precision is in most part due to the rather variable background around the 3.66 area coupled with the inherent inaccuracy of the method for very low levels of crysotile asbestos.

You can be sure that both your samples contain less than 5% crysotile asbestos as can be measured by X-ray diffraction ie in the accepted crystalline form. This figure of 5% is a conservative estimate and it is my informed opinion that your samples have less than 1% crysotile (w/w) in either.

We have not attempted to quantify the forsterite but I would say that a similar figure ~5% would be a conservative top concentration.

[signature] for Government Chemist

π-31D