

1 Q I assume from your qualification or
2 clarification of my question that the composition of
3 brake linings and brake pads changed somewhat over the
4 years; is that right?

5 A Yes, definitely.

6 Q Okay. Up through your career, did they
7 continue to consist in part of chrysotile asbestos?

8 A No. A combination of reasons starting about
9 mid '70s. Some semimetallic disc brake linings were
10 developed for disc brakes, particularly for the
11 police, taxicab, and medium truck market to generate
12 safe braking at higher temperatures and to control the
13 wear.

14 And starting around 1980 some materials came
15 out which were called NAO, nonasbestos organic
16 materials, in which a combination of other fibers were
17 used in place of chrysotile asbestos.

18 Q Well, let me ask you what may be a stupid
19 question, and I am sure you will let me know if it is,
20 but what is a semimetallic disc brake pad?

21 A Well, semimetallic, semi-resin bonded