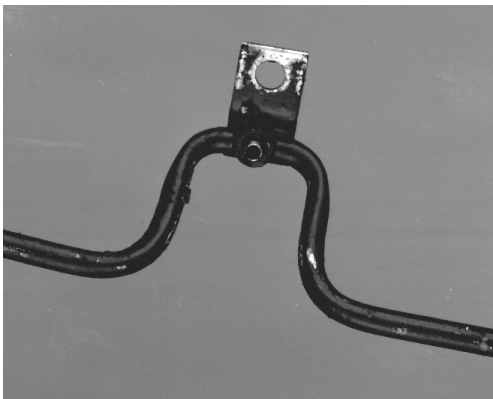


## Camshafts - Premature Wear & Scuffing

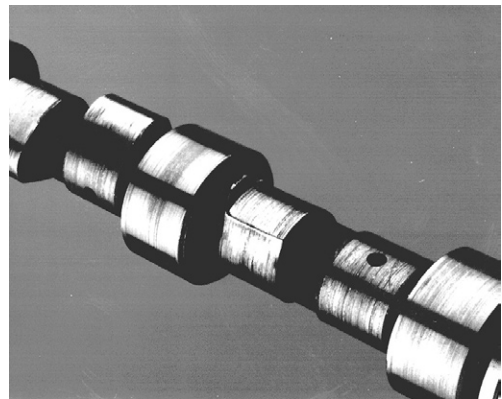
Insufficient lubrication will accelerate scuffing and lead to premature wear. This may result from:-

- a. Old degraded or contaminated oil that has lost its lubricating properties.
- b. Blocked oil galleries, feed pipes or drillings.
- c. Incorrect grade of oil. For example, the flow rate of oil with too high viscosity will be too low.
- d. Worn oil pump or faulty relief valve.
- e. Oil loss through other worn components such as crankshaft bearings.
- f. Old or inefficient oil filters become blocked allowing unfiltered oil to flow through the bypass valve.

Changing the engine oil and filters at regular intervals is essential to prevent premature wear of camshafts and other components. When replacing a camshaft and followers it is good practice to clean the engine with a quality flushing oil to ensure the removal of dirt and debris.



**Blocked Oil Feed Pipe**



**Scuffed Cam Lobe**