SERVICE ENGINEERING BULLETIN

SB2179.1

Camshafts - Premature Wear & Scuffing

Insufficient lubrication will accelerates scuffing and leads to premature wear. This may result from:

a. Old degraded or contaminated oil that has lost its lubrication properties.

b. Blocked oil galleries, feed pipes or drillings.

c. Incorrect oil grade. 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

All trademarks shown are owned by Tenneco Inc. or one or more of its subsidiaries, in one or more countries