

DIRECTORATE GENERAL BORDER ROADS
GENERAL MAINTENANCE INSTRUCTION NO. 136

ON

LUBRICANT USED IN DIFFERENTIAL : HINDUSTAN BEDFORD

SUMMARY

1. This instruction lays down the specification of the oil to be used in the differential assy of the Bedford vehicles of M/S Hindustan Motors.

ITEMS EFFECTS

2. Differential assy.

ACTION BY

3. User units/Fd Wksp and Base Wksp (GREF) – Take Action as per details given below :-

Details

4. The Hindustan Bedford vehicles make use of hypoid gears which are pack carbonized to the depth of .048” to .066” with hardness RC 59. These gears have greater sliding action which require as extreme high pressure lubricant to be used during break –in- period of the vehicle for the best results. Therefore, it is important that only the specified oil “Castrol Thio-Hypoid “ is used in Hindustan differential for first 16000 Kms. The used for topping up during this period.

As soon as break – in period is over, the use of regular mild extreme pressure lubricant would be satisfactory.

The THIO HYP OIL is manufactured and marked by Castrol.