



**LUBRICATION & MAINTENANCE INSTRUCTIONS
FOR NDIFS 80P FRONT HUB UNIT**

MANUAL SECTION A

**LUBRICATION AND ROUTINE MAINTENANCE OF
TYPE NDIFS80P FRONT HUB UNIT**

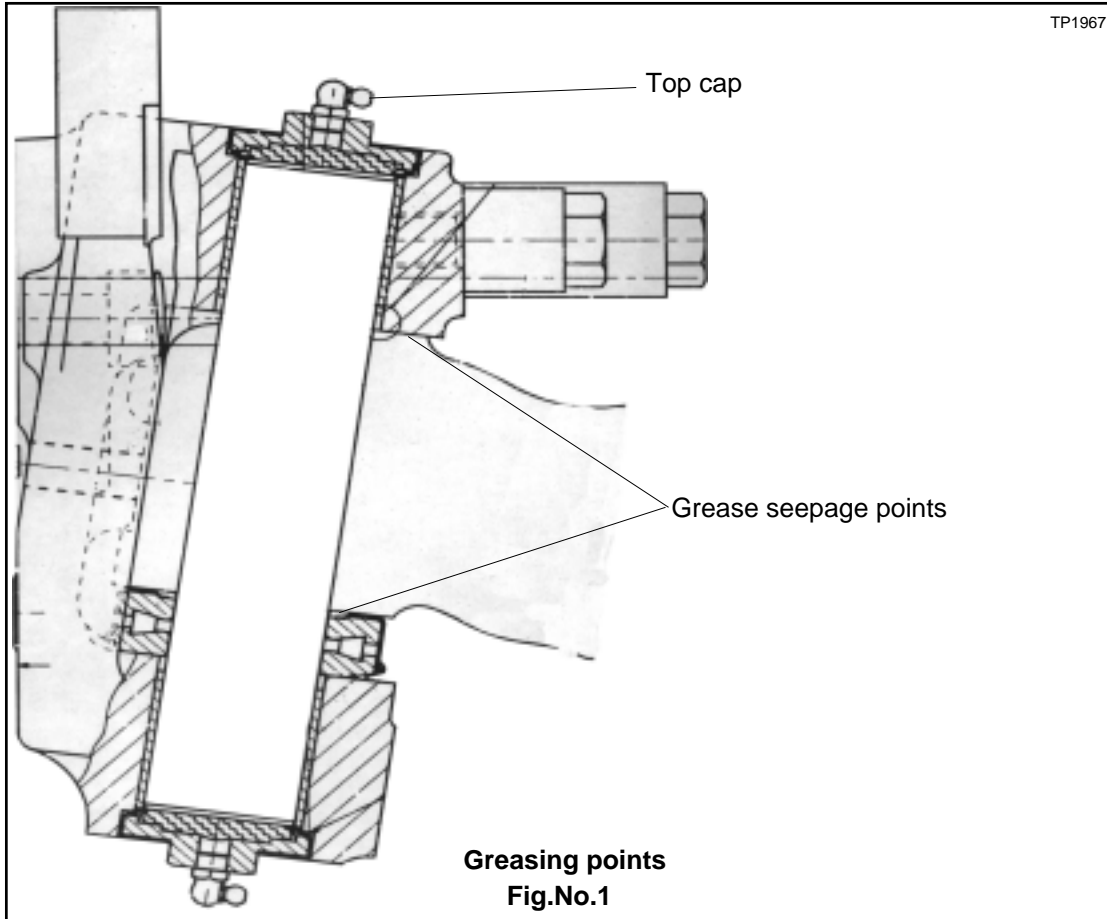
Note :- New and reconditioned axles leaving Spain are charged with grease, where applicable but ARE NOT filled with oil.

SECTION 1 LUBRICATION

1.1 Greasing Period

1.1.1 Lubricate stub axle with one of the following recommended greases at regular intervals not exceeding 10,000 miles or 6 (six) weeks whichever occurs first.

1.1.2 Charge with Shell Retinax LX or equivalent at grease points until old grease is purged as shown in fig.no.1.



1.2 Recommended Greases

Lithium base roller bearing grease NLGI - no. 2.

MOBIL	BP	CASTROL	ESSO	SHELL	TEXACO	CALTEX	GULF	TOTAL
Mobilgrease MP	Energrease L2	Castrol LMX	Unirex EP2	Retinax LX	Multifak Multi purpose 2 (UK) Marfak HD2 (o/seas)	Starplex 2	Sovereign 801	Multis 2



LUBRICATION INSTRUCTIONS FOR TYPE NDIFS80P HUB UNIT Cont.

1.3 OIL CHANGE PERIOD

1.3.1 With new units ; drain and refill after first month whilst axle is still warm after a short run, then at intervals of 25000 miles (40000 km) or first 6 months whichever is shorter.

1.4 LUBRICANT CAPACITIES

1.4.1 Check oil levels monthly or every 5000 miles (8000 km) whichever is shorter and top up when level falls to 1" (25mm) below maximum level.

Recommended oil is high grade EP mineral oil to GL5 class Mil-L-2105D.

1.5 LUBRICANT REQUIREMENTS

Ambient Temperature Range		Spiral Bevel - Hypoid and Spur Reduction	
Above	30°C	SAE 140	85W / 140
From	30°C to minus 10°C	SAE 90	80W / 90
From	minus 10°C to minus 25°C	SAE 80W	80W / 90
From	minus 25°C to minus 40°C	SAE 75	75W



SECTION 2 ROUTINE MAINTENANCE

Note :- Manufacturers of crimped metal or nylon ring lock nuts recommend that they are replaced after being re-used one time.

2.1 Hub bearing check.

- a) An inspection should be made after first 3,000 miles (4,800 km) and then at intervals of 25,000 miles (40,000km). With wheels raised they should revolve quite freely without roughness.