MAINTENANCE

Oil And Grease Change Suggested Intervals:

Due to varying load and driving conditions, service intervals will vary. Below is a generally accepted guideline on which maintenance scheduling can be observed. Always clean parts thoroughly with proper solvents and equipment. Do not use gasoline or steel brushes. Never refill the hub with old oil.

Extra attention should be given to seals. Contaminated lubricants can quickly destroy the entire wheel assembly.

DISTANCE OR TIME	OIL	GREASE	BRAKE COMPONENTS
1000mi 1600km	Inspect oil level in hub replace if contaminated. Check for leaks. Replace if hub removed for servicing. See indicated "ADD and FULL rings on the hub cap.	---------- ----------	---------- ----------
12,000mi 19,200km	---------- ----------	---------- ----------	Check brakes for adjustment
30,000mi 48,000km or 6 month interval	**Heavy-Duty** (On/Off road) Change oil lubricant	**Heavy Duty** (On/Off Road) Regrease bearings. See DWG 500950	Check lining wear. Check cam and spider bushings for wear. Grease brake actuating parts.
100,000mi 160,000km or 1yr interval	**Standard-Duty** Change oil lubricant	**Standard Duty** Regrease bearings. See DWG 500950	----------
750,000mi 1,200,000km	Replace synthetic "Semi-Fluid" Long Life Greases: Also Replace if hub removed for servicing.		

Table 3

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DO NOT MIX LUBRICANTS

Oil Properties:

IMT suggests the following grease properties:
Soap Type - Lithium Complex or Equivalent
Dropping Point - 446°F (230°C) Min
Consistency - NLGI No. 2 or No.1
Additives - Corrosion & Oxidation Inhibitors, EP Optional
Base Oil - Solvent Refined Petroleum Oil

Oils generally recommended are:
Gear Oil API GL-5 Performance Level

SAE 90	Normally Preferred
SAE 75W, SAE 80W	Extreme Cold Environment
SAE 140	Extreme Hot Environment

GREASE PACKING PROCEDURE

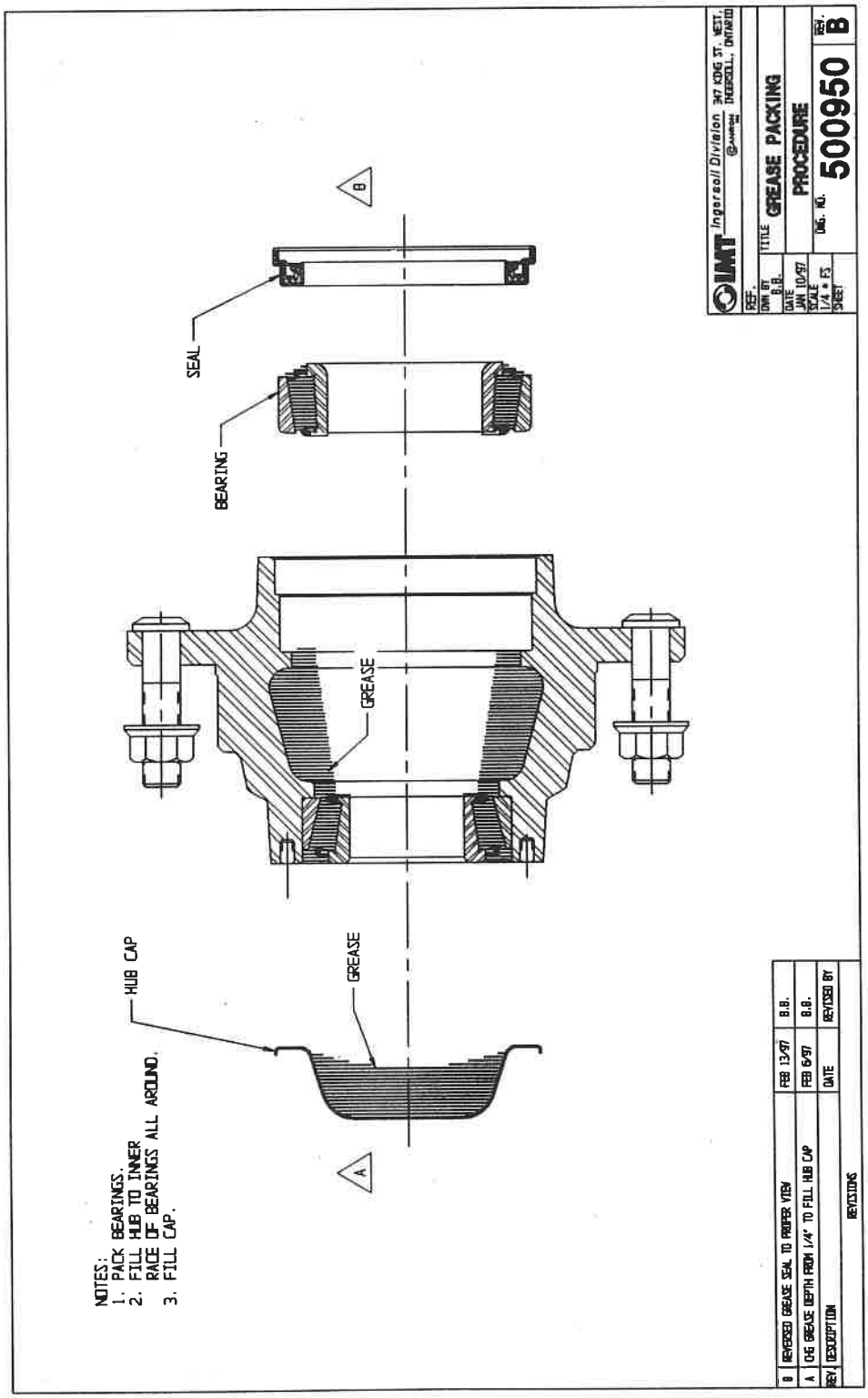

Fig 23