

DIRECTORATE GENERAL OF BORDER ROADS
GENERAL MAINTENANCE INSTRUCTION NO.107
ON
CARE AND HANDLING OF HYDRAULIC OIL
OF
ROLTARY SNOW PLOUGH R-1200 'MONOFORCE'.

Introduction

1. ROLTARY SNOW clearing equipment is designed to operate on Hydrostatic drive system. In the complete system specific Hydraulic oil is recommended by the manufacturer (KENDEL HYKIN Super Black) is used. Utmost care should be taken in handling and refilling of Hydraulic in the system. A slight dirt or impurities may cause abnormal wear on close fitting parts of pumps and motors.

Action by

2. **User Units .** Take action as per details given below.

Details

3. The following points should be kept in mind while handling Hydraulic system of ROLTARY SNOW PLOUGH R-1200 'MONOFORCE' :-

(a) Take oil necessary precaution to prevent entrance of dirt and moisture into the system.

The contamination by these material may result in sludge formation and clogged filters.

(a) Do not open containers or transfer Hydraulic oil into the hydraulic tank in areas exposed to dust, dirt and moisture.

(b) All Hydraulic oil handling equipment including hands, funnels and containers should be clean. Do not wipe out these with cotton waste.

(c) Clean the containers and openings thoroughly before the Hydraulic oil is taken out for refilling or topping.

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