



## Purpose and Scope

Although not considered a “*controlled product*” under the “Transportation of Dangerous Goods” (TDG) Regulations, this product remains potentially harmful if accidentally released to the environment in quantity. Therefore, the intent is to minimize the potential for accidental release through consistent handling and storage criteria.

Oils may be stored/bermed together provided they are clearly signed and arranged so as to distinguish them apart.

This Procedure applies to DMI FRBU Staff and Contractors.

## Procedure

### 1. Pre-plan storage site locations for waste oils.

- Locate storage area where possible on a clay site to minimize any potential for leaching of spilled product.
- Do not store in areas adjacent to vehicle or pedestrian traffic.
- A large capacity dry chemical fire extinguisher(s) must be maintained at this site.
- Any temporary storage sites for petroleum and chemical products must be located:
  - i. a minimum of 300 meters from the high water mark of any permanent watercourse,
  - ii. a minimum of 100 meters from any non permanent watercourse,
  - iii. in an area that does not allow a direct flow into a watercourse,
  - iv. a minimum of 6 meters from camp,
  - v. outside the buffer of a protected feature.
- Storage sites must have secondary containment. Secondary containment will:
  - i. Contain the “total” contents plus 10% of product with no openings to the surrounding area.
  - ii. Not permit surface run-off water to enter and collect in containment area. A liner may be required if soils are permeable.
  - iii. Hydraulic oil supplied in 5-gallon pails may be kept within the same bermed area as fuel storage, but must be further contained to prevent spread (i.e. pails separately bermed or set within a larger container within fuel berm).
- Storage sites must be clearly identified with the following:
  - i. WHMIS Labels
  - ii. TDG Placards
  - iii. No Smoking Signs
  - iv. Clearly identified as Hydraulic Oil
- Pre-plan sites for any potential of accidental product release. This includes having:
  - i. An emergency “Spill Response Kit” placed in an easily accessible location appropriate for the type and amount of product stored on site as per the DMI Fuel Management Field Guide.
  - ii. Current MSDS in an easily accessible location along with the site Emergency Preparedness and Response Plan with key emergency contacts.
  - iii. All employees trained in the use of the EPRP, MSDS, and the Spill Response Kit.





## 2. Inspections

- Inspections of hydraulic oil storage sites will be conducted in accordance with FR-G013 Project Supervision and will be documented on CHK-011 Industrial Waste, Fuel and Facility Inspection.
- During inspections ensure:
  - v. Containers are upright with tight lids
  - vi. Containers are not leaking and there has been no spillage of product
  - vii. Surface runoff cannot enter secondary containment
  - viii. The integrity of berms or other secondary containment remains intact.

## 3. Training and Awareness

- Through discussions at safety meetings, ensure that staff are aware of:
  - i. The location of the storage site
  - ii. The location of Emergency Response Equipment (including PPE) and MSDS
  - iii. Spill response procedures
- Those expected to respond to spills are to be trained in spill response, including PPE requirements.
- Ensure handlers/carriers are competent. Any employee having access to or that may be exposed to this product must:
  - i. Be trained in WHMIS
  - ii. Receive any additional training on company handling / storage practices or procedures

## 4. Emergency Response

- Response to accidental spills or releases will be conducted in accordance with **FR-E001, Accidental Spills or Releases** and DMI FRBU's **Emergency Preparedness and Response Plan**.
- Any release of hydraulic oil over 20 l is reportable to DMI in accordance with the Incident/Accident Reporting Procedure (FR-G013).
- **A release of any substance in any quantity into a watercourse is IMMEDIATELY reportable to DMI.**

### REVISION HISTORY

|                  |                   |                         |
|------------------|-------------------|-------------------------|
| Original issued: | August 4, 2000    | Author: G.Cunliffe      |
| Revision 1.1:    | May 9, 2005       | Author: EMS Coordinator |
| Revision 1.2:    | December 12, 2006 | Author: EMS Coordinator |
| Revision 1.3:    | February 13, 2009 | Author: EMS Coordinator |

### APPROVAL:

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