

LUBRICANT HANDLING & SAFETY

IMPORTANCE OF HANDLING & SAFETY

Recent Legislation in all developed as well as developing countries have focused public attention on health and safety hazards while using chemical products and placed a responsibility on such product suppliers to reduce risks. This has resulted in more general availability of information about specific dangers and preventive actions. During Last decade, many industries have faced enormous monetary losses in Maintenance department due to accidents on the shop-floors. After Inspections it became evident that many of the accidents would not have occurred if proper Safety and Material Handling Polices were in effect. Personnel involved in Lubrication must be aware of the hazards associated with the Handling and Safety of the Lubricant.



HANDLING & STORAGE

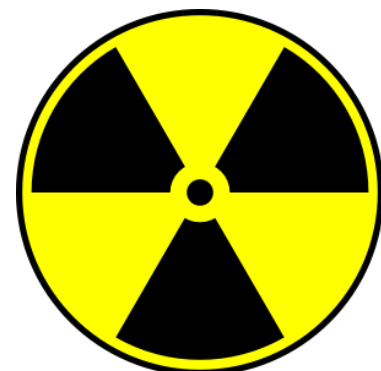
The Important consideration in lubricant storage is to know about storing many types of lubricant, how much of each type of lubricant needs to be stored and about the size of containers. If possible the store should then have some more storage capacity to cope up with additional requirements which may arise later.

Oils must be stored in clean sealed drum, in dry place and may remain in perfect condition for many years. Once the containers are opened, the deterioration rate is more and the size of container chosen should be sufficient for 1 to 3 months supply.



HEALTH & SAFETY

Lubricant group is not particularly hazardous. Although most of them will burn, they are far harder to ignite than fuels and many solvents and chemicals. Even though they can contribute to accidents or might lead to health problems, they are far less dangerous to health. Hence flammability of the lubricating products need to be considered in the safety policies.



HAZARD & ACCIDENT POSSIBILITY

- Accidents while shifting drums
- Oil and Grease spills
- Hazards to skin
- Improper tool handling
- Fire hazards
- Accidental consumption
- Inhaling Toxic Vapors, mist of oils, etc



HEALTH ASPECT & CARE

This article is intended to give a broad picture of the types of hazards which can arise while handling lubricants and the safety practices that should be implemented.

Authoritative data on health hazards for all sorts of chemical materials are published by most governments and other public bodies. Hazards of particular lubricants are described in the relevant manufacturers ' safety data sheets.

For Information about lubricant hazard or safety precautions to be used with lubricants those responsible for lubrication matters, in conjunction with works safety officers and Medical officers, should consult detailed safety data sheet provided by lubricant supplier.