

## Guidelines for Application of HSE

### 1) Impact of lubricant on environment

Discarded lubricant is toxic waste hard to be degraded in nature. The following precautions should be taken in order to minimize the impact of lubricant on environment in process of or after completion of application:

- ⦿ When lubricant is taken out of drum, appropriate measures should be taken to prevent it from splashing upon the ground.
- ⦿ After applied, lubricant should not be dumped about at will but be collected and intensively disposed.
- ⦿ Lubricant should be managed as per its purpose by dedicated personnel. Mark should be adopted for identification of new oil from old one. In this case, confusion may be avoided and waste shall not occur.

### 2) Precautions to guarantee application safety of lubricant

- ⦿ When applied, lubricant with higher flash point should be preferably selected.
- ⦿ Safety articles should be adopted to avoid direct contact with lubricant in process of operation.
- ⦿ Ventilation device should be installed in applicability, to lower concentration of oil mist in the air.
- ⦿ It should be equipped with appropriate cleaning appliance, medical treatment and first aid supply.
- ⦿ Dedicated personnel should be appointed, if possible, for the execution of the above precautions.

### 3) Precautions to guarantee human health in application of lubricant

- ⦿ Labor protection articles should be used as prescribed. Direct contact of skin should be avoided with lubricant, especially in case of cuts or scratches in body.
- ⦿ Clothes saturated with oil should be stripped off. Dirty rags should not be used to wipe oil stains off skin for lest of hurt.
- ⦿ Clean water and detergent should be equipped in work place so that oil stains carelessly caused can be eliminated. Gasoline or kerosene is prohibited for cleaning of skin.
- ⦿ Supervisor should be made known if any part of body suffers from tetter, ulceration or other allergic symptoms.