

TECHNICAL SPECIFICATION OF ITEM NO 1, H-1(C)-HA-13550, GREASE PX-11 (PRESERVATIVE MINERAL JELLY BEES WAX)

Ref:

- A. BOF Specification no SYB-1501-56 for Rifle Grease.
  - B. Standard Handbook for Mechanical Engineers.
  - C. Fuchs Product Information Brochure for 'Renolit FEP' Product code 503.
  - D. Mobil Product Guide 'Mobilux EP.
  - E. Meghna Petroleum Ltd. Brochure for 'BP Anergrease LS and LSEP.
  - F. Shell Lubricants Handbook.
01. Composition: 9 Parts of PX-6 and 1 Part of Bees wax (100% pure)
02. Characteristics of PX-11:
- |  |                             |
|--|-----------------------------|
| a. Base  | Lithium                     |
| b. Penetration worked at 25°C                      | 265~ 295                    |
| c. Reaction  | Neutral or alkalescent.     |
| d. Corrosion test (Steel specimen, 100° C, 3 hours | No corrosion should appear. |
| e. Ash Content                                     | 0.05 % (Max)                |
| f. Acidity   | 0.35 mg KOH/gm (Max)        |
| g. Dropping Point °C                               | 180 ~ 190                   |

### 03. Other Terms and Conditions

- a. Before preparation of Grease PX-11, its main constituents/ingredients i.e PX-6 and Bees wax must be submitted separately to IA&E for inspection and approval. The accepted ingredients will be mixed in presence of IA&E representative for preparation of Grease PX -11.

- b. The grease should be procured from any authorized manufacturer of Bangladesh Petroleum Corporation and should ensure the following points.

- (1) Container used in packing should be new, cleaned and sealed.
- (2) Quality Certificate from the manufacturer with the results conforming the specified quality of their standard products should be submitted.
- (3) Warranty/Guarantee certificate should be submitted to the effect that the store will not deteriorate during use at least for 01 (one) year.
- (4) Description of the store with nomenclature, date of production and name of manufacture should be printed on each container.

- c. Authority Holding Sealed Particulars : CI, IA&E Gazipur Cantt.
- d. Inspecting Officer : CI, IA&E or his authorized representative
- e. Inspection Instruction : Before bulk supply, the advance sample must be approved by IA&E

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RESTRICTED

