



## MUXXOL GUN DRILLING Oil

### PRODUCT DESCRIPTION:

**Muxxol Gun Drill Oil** is specially developed for dual purpose neat cutting oil based on highly refined mineral oil and a synergistic blend of medium-chain chlorinated paraffin, fat/fatty acid ester, and Sulphur compounding additives. This oil designed for ferrous and ferrous alloys arduous machining operation such as broaching and as well gun drilling operations.

### FEATURES AND ADVANTAGES:

- Low viscosity and recommended for arduous operation- Broaching.
- Better lubricity improves tool life and improves productivity.
- Exhibits good wetting, heat transfer and flushing properties.
- Excellent cleaning action on the work surface and brighter surface finish.

### APPLICATION AREA:

**MUXXOL GUN DRILLING Oil** is recommended for all types of severe machining of ferrous metals and alloys viz., broaching, gun drilling and grinding operations.

**MUXXOL GUN DRILLING Oil** is not recommended for use on yellow metals.

### SPECIFICATION:

| PROPERTIES                      | TEST METHOD | TYPICAL VALUES      |
|---------------------------------|-------------|---------------------|
| Appearance                      | Visual      | Yellow color liquid |
| Sp. Gravity @ 29.5°C, g/ml      | ASTM D 1298 | 0.855               |
| Kin. Viscosity @ 40°C, cSt      | ASTM D 445  | 12.5 – 15.5         |
| Flash Point (PMCC), °C, min     | ASTM D 92   | >150                |
| TAN, mg of KOH/g                | ASTM D 974  | 0.5                 |
| Copper Corrosion @ 100° C, 3hrs | ASTM D 130  | 4c                  |
| Four ball Weld load, kgs        | ASTM D2783  | 400                 |

### HANDLING AND STORAGE:

**Handling:** Use oil resistant gloves & wear safety goggles.

**Storage:** Store in a cool, dry, well-ventilated place and away from direct sunlight. Store away from all incompatible materials. Keep containers closed when not in use.

**Shelf Life:** One year from the date of manufacture, if product stored in original container, unopened and dry, in a well-ventilated location.

**PACKING:** **MUXXOL GUN DRILLING Oil** is available in 20 ltr 50 ltr and 210 ltr barrels.

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