



SASA PRIVATE LIMITED



TECHNICAL DATASHEET

Product: Multi Purpose Lubrication Oil

Grade : LubreX 2, 5, 10, 12, 32, 46, 68, 100, 150, 220, 320, 460

Product Description

RustX Lubrication Oil Series is range of superior multi-purpose oil formulated with highly refined paraffinic base oil incorporating various additives such as oxidation inhibitor, rust prevention additive, anti-foaming and oiliness agents to provide excellent performance.

Application Method

Recommended for use as a multi-purpose oil in machine tools lubricating. It is most efficient as a lubricating oil for bearing, gears, hydraulic systems and especially for slide ways. RustX Multi Oil 2 & 5 is also recommended to be used as a spindle lubrication in most CNC fabrication machines.

Features

1. Excellent Oxidation Stability - A combination of oxidation inhibitor and highly refined paraffinic base oil assures excellent oxidation stability under severe operating condition and assures longer oil life.
2. Excellent Anti-Stick-Slip Properties - Addition of special oiliness agent gives this oil excellent anti-stick-slip properties which makes it most suitable for slideway lubrication.
3. Excellent Demulsibility – Extremely quick separation with water prevents it from emulsifying with water makes it most suitable for preventing hydraulic and slideways from troubles caused by mixing water soluble cutting fluid and machine lubricants.
4. Excellent Anti-Corrosion & Anti-Rust Properties – Effective rust preventive agent and corrosion inhibitor prevent corrosion caused by water and acid produced through deterioration process.



Physical, Chemical Properties:

| Physical Properties | Test Method | | LubreX2 | LubreX 5 | LubreX 10 | LubreX22 | LubreX32 | LubreX46 |
|---------------------------------|-------------|---|---------|----------|-----------|----------|----------|----------|
| Colour | D-1500 | | L.05 | L.05 | L1.0 | L2.0 | L2.0 | L2.5 |
| Viscosity @ cSt @ 40°C | ASTM 445 | D | 2 cSt | 5 cSt | 10 cSt | 22 cSt | 32 cSt | 46 cSt |
| Density 15 °C g/cm ³ | ASTM 4052 | D | 0.7910 | 0.870 | 0.869 | 0.8703 | 0.8625 | 0.8794 |
| Flash Point (COC), °C | ASTM D 92 | | 84 | 144 | 168 | 204 | 222 | 242 |
| Viscosity Index | ASTM 2270 | D | - | - | 99 | 114 | 118 | 112 |
| TAN (mgKOH/g) | ASTM 664 | D | 0.07 | 0.07 | 0.07 | 0.20 | 0.26 | 0.23 |
| Copper Corrosion (100°C X 3h) | | | 1 | 1 | 1 | 1 | 1 | 1 |

| Physical Properties | Test Method | | LubreX68 | LubreX 100 | LubreX 150 | LubreX220 | LubreX320 | LubreX460 |
|---------------------------------|-------------|---|----------|------------|------------|-----------|-----------|-----------|
| Colour | D-1500 | | L2.5 | L2.5 | L4.0 | L4.0 | L4.0 | L4.0 |
| Viscosity @ cSt @ 40°C | ASTM 445 | D | 68 cSt | 100 cSt | 150 cSt | 220 cSt | 320 cSt | 460 cSt |
| Density 15 °C g/cm ³ | ASTM 4052 | D | 0.882 | 0.887 | 0.8933 | 0.8977 | 0.900 | 0.910 |
| Flash Point (COC) , °C | ASTM D 92 | | 260 | 270 | 278 | 284 | 302 | 320 |
| Viscosity Index | ASTM 2270 | D | 106 | 103 | 100 | 100 | 100 | 99 |
| TAN (mgKOH/g) | ASTM 664 | D | 0.14 | 0.14 | 0.15 | 0.16 | 0.16 | 0.16 |
| Copper Corrosion (100°C X 3h) | | | 1 | 1 | 1 | 1 | 1 | 1 |

Packaging Available

26 Liters Can & 210 Liters Barrel

Safety Information & Declaration

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Test specimen and Rust definition as per Hi-Tech International's policy.