

## Lubricant Product Information

### Daphne Mechanic Oil Series

#### Description

A 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

Recommended for use as a multi-purpose lubricant for various machine tools especially in high temperature environment. It is most efficient as a lubricating oil for, bearings, gears and hydraulic systems where load carrying ability, heat resistant, oxidation and demulsibility properties are required.

#### Characteristics

- 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 Heat Resistance Properties** - Addition of special heat resistance additive gives this oil excellent high temperature oxidation stability
- 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- Superior Anti-Corrosion & Anti-Rust Properties** - Effective rust preventive agent and corrosion inhibitor prevent corrosion caused by water and acid produced through deterioration process

#### Packing

210L drum

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### Typical Specifications

| Available Grades                | 32     | 46     | 68     |
|---------------------------------|--------|--------|--------|
| Color                           | L0.5   | L0.5   | L0.5   |
| Density 15 °C g/cm <sup>3</sup> | 0.8554 | 0.8612 | 0.8694 |
| Flash Point (COC) oC            | 228    | 232    | 244    |
| Viscosity, cSt@ 40 oC           | 30.77  | 42.67  | 65.34  |
| @ 100 oC                        | 5.539  | 6.756  | 8.725  |
| Viscosity Index                 | 118    | 113    | 106    |
| TAN (mgKOH/g)                   | 0.08   | 0.08   | 0.05   |
| Copper Corrosion (100PoPC x 3h) | 1(1b)  | 1(1b)  | 1(1b)  |
| Foaming Tendency @ 24PoPC (ml)  | 0-0    | 0.0    | 0.0    |