

## Technical Data Sheet

### Base Oil SN-600

Flexi-Containers / ISO Tanks / Bulk Vessels

#### Description

**SN 600** is a Group I base oil known for its relatively high viscosity within the Group I category. It exhibits a kinematic viscosity of 11-12.5 cSt at 100°C.

It is primarily utilized as a raw material for lubricant production. It is manufactured through solvent refining of vacuum-distilled crude oil fractions, followed by a hydrotreatment step to remove impurities and enhance product stability and performance.

#### Applications

**SN 600** serves as a base stock for various industrial lubricants, including:

- Engine oils
- Gear oils
- Metalworking fluids
- Hydraulic oils
- Transformer oils
- Greases

#### Specifications

| PROPERTIES         | UNIT | METHOD      | SPECIFICATIONS |
|--------------------|------|-------------|----------------|
| Color              | –    | ASTM D 1500 | 2.5 MAX        |
| Density at 15°C    | g/ml | ASTM D 1298 | REPORT         |
| Viscosity at 100°C | cst  | ASTM D 445  | 11 - 12.5      |
| Viscosity at 40°C  | cst  | ASTM D 445  | REPORT         |
| Viscosity Index    | –    | ASTM D 2270 | 95             |
| Flashpoint         | °C   | ASTM D 92   | 240 MIN        |
| Pourpoint          | °C   | ASTM D 97   | <-6 MIN        |
| sulfur             | wt%  | ASTM D 4294 | 1.15 MAX       |

#### Safety and Handling Guidelines

These lubricants are formulated with highly refined mineral base oils and specific additives. Under normal use, they do not pose significant toxic hazards. However, all lubricants should be handled with care to ensure safety and environmental protection.

#### Precautions

- Avoid prolonged or repeated contact with skin.
- Prevent splashing and exposure to combustible materials.
- Always store in a covered area, away from sources of pollution.
- Dispose of used oil responsibly—never pour it into drains, watercourses, or onto the ground.