

## Technical Data Sheet

### Base Oil SN-80

Flexi-Containers / ISO Tanks / Bulk Vessels

#### Description

**SN 80** is a Group I light base oil, also known as spindle oil, with a viscosity of approximately 2.6–3.6 cSt at 100°C and minimum 16 cSt at 40°C. This product features a light color and a relatively low flash point, but it offers excellent low-temperature performance, making it particularly suitable for arctic applications.

**SN 80** base oil is produced from paraffinic crude oil in the base oil production unit, where vacuum distillates are typically refined through solvent dewaxing.

#### Applications

Group I SN 80 base oil can be used in the formulation of a wide range of finished products, including:

- Metalworking fluids
- Hydraulic oils
- Industrial lubricants and applications
- Anti-caking and anti-adhesive agents
- Technological process oils
- Protective and preservative applications

#### Specifications

PROPERTIES	UNIT	METHOD	SPECIFICATIONS
Color	–	ASTM D 1500	1 MAX
Density at 15°C	g/ml	ASTM D 1298	REPORT
Viscosity at 100°C	cst	ASTM D 445	2.6-3.6
Viscosity at 40°C	cst	ASTM D 445	16 MIN
Viscosity Index	–	ASTM D 2270	95 MIN
Flashpoint	°C	ASTM D 92	190 MIN
Pourpoint	°C	ASTM D 97	<-9
sulfur	wt%	ASTM D 4294	0.89 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.