

Technical Data Sheet

Base Oil SN-900

Flexi-Containers / ISO Tanks / Bulk Vessels

Description

SN 900 falls within the higher viscosity spectrum of Group I Grade I base oils. It has a kinematic viscosity of maximum 23 cSt at 100°C.

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

Applications

Base Oil **SN 900** serves as a base stock for a variety of industrial lubricants, including:

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

Specifications

PROPERTIES	UNIT	METHOD	SPECIFICATIONS
Color	–	ASTM D 1500	4.5 MAX
Density at 15°C	g/ml	ASTM D 1298	REPORT
Viscosity at 100°C	cst	ASTM D 445	23 MAX
Viscosity at 40°C	cst	ASTM D 445	REPORT
Viscosity Index	–	ASTM D 2270	90 MIN
Flashpoint	°C	ASTM D 92	230 MIN
Pourpoint	°C	ASTM D 97	<-6 MIN
sulfur	wt%	ASTM D 4294	1.5 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.