

SN80

SN80 Base Oil

Introduction

SN80 is a light base oil produced through solvent refining and dewaxing processes. It has very low viscosity and excellent volatility characteristics, making it ideal for specific industrial uses.

Applications

- Transformer oils
- Rubber processing oils
- Cosmetic and pharmaceutical applications (white oil derivatives)

Technical Features

Property	Value
Viscosity @40°C	8 – 9 cSt
Viscosity Index	≥ 95
Pour Point	-10 to -15°C
Flash Point	≥ 180°C
Color (ASTM)	L 0.5 max

Advantages

- ✓ Excellent solvency power
- ✓ Very low viscosity for specialized applications
- ✓ Good oxidation stability

Limitations

- ✗ Not suitable for high load lubrication
- ✗ Limited use in automotive industry

Packaging Options

- Drums (208L)
- Bulk

SN150

SN150 Base Oil

Introduction

SN150 is a light grade base oil derived from the refining of crude oil through solvent extraction, dewaxing and hydrotreating processes. It is a key feedstock in lubricant manufacturing.

Applications

- Automotive engine oils
- Industrial gear oils
- Rubber process oils
- Hydraulic fluids

Technical Features

Property	Value
Viscosity @40°C	28 – 32 cSt
Viscosity Index	≥ 95
Pour Point	-15°C
Flash Point	≥ 210°C
Color (ASTM)	≤ 1.5

Advantages

- ✓ Good low-temperature properties
- ✓ Excellent oxidation and thermal stability
- ✓ Wide industrial and automotive applications

Limitations

- ✗ Not suitable for extreme cold applications without additives

Packaging Options

- Drums (208L)
- IBC tanks
- Flexi tanks
- Bulk

SN180

SN180 Base Oil

Introduction

SN180 is a light-to-medium base oil that balances fluidity with film strength. It's widely used in lubricating oils and industrial fluids.

Applications

- Automotive lubricants
- Compressor oils
- Hydraulic fluids
- Textile oils

Technical Features

Property	Value
Viscosity @40°C	32 – 36 cSt
Viscosity Index	≥ 96
Pour Point	-12°C
Flash Point	≥ 215°C
Color (ASTM)	≤ 2.0

Advantages

- ✓ Stable under moderate temperatures
- ✓ Versatile for multiple industrial sectors

Limitations

- ✗ Less optimal for extreme cold or high loads

Packaging Options

- Drums (208L)
- IBC tanks
- Flexi tanks

SN350

SN350 Base Oil

Introduction

SN350 is a medium viscosity base oil used in the blending of high-performance lubricants. It offers a good balance between viscosity and fluidity.

Applications

- Gear oils
- Compressor oils
- Metalworking fluids
- Hydraulic systems

Technical Features

Property	Value
Viscosity @40°C	60 – 65 cSt
Viscosity Index	≥ 95
Pour Point	-9°C
Flash Point	≥ 220°C
Color (ASTM)	≤ 2.5

Advantages

- ✓ Good film strength
- ✓ Suitable for medium-load applications

Limitations

- ✗ Higher volatility compared to heavier grades

Packaging Options

- Drums
- Flexitanks
- Bulk

SN500

SN500 Base Oil

Introduction

SN500 is a widely used medium-to-heavy base oil, known for its good thermal and oxidation stability. It's a staple in the formulation of lubricating oils.

Applications

- Automotive engine oils (mono-grade)
- Industrial oils
- Grease production
- Marine oils

Technical Features

Property	Value
Viscosity @40°C	95 – 105 cSt
Viscosity Index	≥ 95
Pour Point	-6°C
Flash Point	≥ 230°C
Color (ASTM)	≤ 3.0

Advantages

- ✓ Good thermal resistance
- ✓ Common availability
- ✓ Cost-effective for general lubrication needs

Limitations

- ✗ Lower performance in extreme temperature ranges

Packaging Options

- Drums
- IBC
- Bulk

SN600

SN600 Base Oil- Turkmenistan

Introduction

SN600 is a heavy-grade base oil used in industrial and marine lubricants. It provides excellent viscosity for applications requiring strong lubricating films.

Applications

- Heavy-duty engine oils
- Gear oils
- Grease production
- Marine and turbine lubricants

Technical Features

Property	Value
Viscosity @40°C	115 – 130 cSt
Viscosity Index	≥ 95
Pour Point	-3°C
Flash Point	≥ 240°C
Color (ASTM)	≤ 3.5

Advantages

- ✓ High viscosity for better load handling
- ✓ Excellent film strength

Limitations

- ✗ Not suitable for low-temperature environments

Packaging Options

- Drums
- Flexitanks
- Bulk