

## Technical Data Sheet

### Base Oil 220N

Flexi-Containers / ISO Tanks / Bulk Vessels

#### Description

**N-220** Base Oil is a Group II virgin base oil produced through advanced hydrocracking and hydroprocessing techniques. These methods significantly increase the saturate content while effectively removing sulfur, nitrogen, and other impurities, resulting in a cleaner and more stable lubricant base.

A viscosity of approximately 5.8-6.8 cSt at 100°C and 40-46 cSt at 40°C, 220N offers moderate to good lubricating performance, making it suitable for use in a variety of automotive and industrial lubricant formulations.

#### Applications

- Transformer oils
- Marine and industrial gear oils
- Automatic transmission fluids (ATF)
- White oils
- Gear and axle oils
- Anti-adhesive formulations
- Anti-caking agents and solutions

#### Specifications

PROPERTY	UNIT	METHOD	SPECIFICATIONS
Color	–	ASTM D 1500	1.5 MAX
Density at 15°C	g/ml	ASTM D 1298	REPORT
Viscosity at 100°C	cst	ASTM D 445	5.8-6.8
Viscosity at 40°C	cst	ASTM D 445	40-46
Viscosity Index	–	ASTM D 2270	100 MIN
Flashpoint	°C	ASTM D 92	228
Pourpoint	°C	ASTM D 97	-12 MAX
Sulfur	PPM	ASTM D 2622	-
NOACK	wt%	ASTM D5800	10 MAX

#### Safety and Handling Guidelines

This lubricant is formulated with highly refined mineral oils and performance additives. Under normal usage conditions, it poses no significant toxic hazard. However, all lubricants must be handled with care to ensure user safety and environmental protection.

#### Precautions

- Continuous skin contact can result in irritation—clean the area well after exposure.
- In the event of skin contact, cleanse the area immediately using soap and water.
- Do not dispose used oil into drains, watercourses, or the environment.
- Dispose the used oil at an authorized collection or recycling facility.