



TDS – Base Oil SN650

Product Name: Base Oil SN650

Supplier: Basekim

Origin: UAE / Turkey

Applications: High-performance gear oils, industrial lubricants, heavy machinery applications.

Technical Specifications

Property	Typical Value	Test Method
Appearance	Clear, amber liquid	Visual
Color (ASTM)	≤2.0	ASTM D1500
Density @ 15°C (kg/L)	0.885 – 0.895	ASTM D4052
Kinematic Viscosity @ 40°C (cSt)	120 – 130	ASTM D445
Kinematic Viscosity @ 100°C (cSt)	13.5 – 14.8	ASTM D445
Viscosity Index	≥95	ASTM D2270
Flash Point (°C, COC)	≥235	ASTM D92
Pour Point (°C)	-6	ASTM D97
Sulfur Content (% wt)	≤0.03	ASTM D2622
Total Acid Number (mg KOH/g)	≤0.05	ASTM D664
Water Content (ppm)	≤200	ASTM D95

Packaging

- **Steel Drums:** 200 Liters
- **IBC Tanks:** 1000 Liters
- **Bulk:** Flexi bag or tanker truck

Storage & Handling

- Store away from direct heat or flame.
- Use clean and dry storage facilities.
- Keep drums sealed tightly.



Applications

- Heavy-duty gear oils
- Hydraulic lubricants
- Industrial equipment oils
- High-viscosity blends