

## **ArChine Synester BNN 1000**

### **High Performance Synthetic Gear Oil**

#### **Product Description**

**ArChine Synester BNN 1000**, fortified with micron scale Boron Nitride powder, is formulated with polyolester fluid and additives. It can be used for lubricating gears exposed to low speed, heavy load and impact load.

**ArChine Synester BNN 1000** can provide excellent wear resistance, extreme pressure and assist in load carrying. This product will help to reduce gear pump leak and maintenance time and downtime. It can greatly prolong the service life of equipment and reduce maintenance costs. Boron Nitride powders can continue to provide continuous, clean solid lubrication after the base oil exhausted.

#### **Benefits**

- ◆ Excellent high temperature oxidation and thermal stability, very low volatile and less oil consumption
- ◆ Excellent resistance to wear and rust corrosion, provide better protection for equipment;
- ◆ No carbon residues form under high temperature, and have excellent high-temperature lubricity;
- ◆ Small friction coefficient, strong carrying capacity, having the function of jointing and running-in.

#### **Typical Properties**

Density, 20°C g/cm <sup>3</sup>	0.995
Viscosity@40°C, cSt, GB/T265	1050.6
Viscosity @100°C, cSt, GB/T265	107.2
Viscosity index (VI) ≥,GB/T1995	199
Pour point °C, ≤, GB/T3535	-21
Flash point°C, ≥, GB/T267	280
Copper corrosive, 100°C, 3h	1

#### **Recommended Applications**

##### **Distributor Wanted**

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**ARCHINE**

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Recommended for bearing and gear devices exposed to high temperature, heavy load and impact load.

\*Typical data shall not be used as product specifications.

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