

## ArChine Synchain BNN 100

### High Temp Synthetic Chain Oil

**The right lubricants for most industrial oven chain applications  
where maintaining a clean lubricated surface is required**

#### Description

**ArChine Synchain BNN 100** high temperature chain oils, fortified with nanometer scale Boron Nitride powder, are formulated with polyolester fluid and additives. They are designed primarily for high temperature equipments, such as bakery oven chains, drying oven chains, tenter frame chains, heat treating chains, paint curing oven chains and any other type of bearing/slide/gearbox applications where they are exposed to high operating temperatures and must maintain a clean lubricated surface.

**ArChine Synchain BNN 100** high temperature lubricants will provide excellent wear resistance, extreme pressure and assist in load carrying. These products will assist in reducing maintenance time and downtime. They will lubricate at extremely high temperatures up to 800~1000°C.

#### Benefits

- Excellent high temperature oxidation and thermal stability, very little smoke, no harmful gases producing, and reducing the risk of oven fires
- Extremely good lubrication and low volatility resulting in less oil consumption and energy consumption
- Superior anti-wear, anti-rust, corrosion resistance and antioxidant properties for better protection of equipment, can greatly extend equipment life and reduce maintenance costs
- Low tendency to form carbon residues and maintain the liquid film lubrication at high temperature, maintain a clean operating environment for frame rails and chains

#### Typical Properties

##### Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

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PROPERTIES	ArChine Synchain BNN 100
Density, 20°C g/cm <sup>3</sup>	0.980
Viscosity@40°C, cSt, GB/T265	100.8
Viscosity @100°C, cSt, GB/T265	13.3
Viscosity index (VI) ≥,GB/T1995	130
Pour point °C, ≤, GB/T3535	-33
Flash point°C, ≥, GB/T267	282
Copper corrosive, 100°C, 3h	1

### Recommended Applications

- Heat setting machines and stretching stenters in textile printing and dyeing industries
- High temperature oven chain drive systems in building material industry
- Kiln car wheel bearings of refractory plant
- Oven chains, spraying line drying ovens

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

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