

ArChine Speedtech HSB P10**Synthetic low-temperature high-speed bearing grease****Description**

ArChine Speedtech HSB P10 is low temperature grease based on high quality synthetic oil (PAO). As well as anti-corrosion and anti-oxidant additives, this grease also contains EP additives which give it optimum lubrication and load carrying properties. ArChine Speedtech HSB P10 suits for lubrication of roller and friction bearings under extreme pressure load and low temperatures. The product has high thermal resistance and very good soft adhesion to be easily conveyed.

Features

- Good pumping ability in central lubrication system
- Low starting resistance at low temperature
- Extremely resistant to oxidation and corrosion
- Water resistant
- High stability
- Good anti wear protection
- Good adhesiveness

Application

With a DN factor of 1,000,000 this is ideally suited for:

- ◆ Bearings operating at high speeds & extremely low breakaway torque in textile machines, CNC machine tools and internal grinding machines etc.
- ◆ For other roller or needle bearings operating at high speeds.
- ◆ For precision bearings expected to operate with low starting torques
- ◆ Especially suited for high speed spindles

Distributor Wanted

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Also used in:

- ◆ Lubrication of metal-to-plastic or plastic-to-plastic sliding surfaces.
- ◆ Electronics industry as a low resistance, white grease.

Typical Properties

| Parameter | Specification |
|---------------------------------------|---------------------------|
| Service temperature range, °C | -60~130 |
| Base oil viscosity at 40 °C | 19 |
| Color | White |
| Texture | Homogeneous, short fibred |
| Thickener | Lithium, barium, calcium |
| Worked penetration, 60 strokes, 0.1mm | 255~305 |
| Drop point, °C | >200 |
| Oil Separation, % | ≤20 |
| Evaporation Capacity, (99°C, 22h) % | ≤1.0 |
| DN Factor | ≥1,000,000 |

Mode of Application

Remove protective coatings / old grease residues from the bearing and clean the bearing thoroughly, preferably with a solvent. Fill only 1 / 2 to 2 / 3 of the bearing void space with the grease. Do not overfill. Do not mix or use with other lubricants.

*Typical data shall not be used as product specifications.

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