

DZ series spindle oil

【Product performance】

Junfu DZ series spindle oil is formulated with highly refined mineral oil as the base and a variety of efficient additives, including detergents, dispersants, anti-wear, anti-oxidation, anti-corrosion, and anti-foam agents. The product features low viscosity, excellent heat dissipation, and effectively removes heat generated during high-speed spindle operation. It has good oxidative stability, long service life, and excellent lubrication, rust prevention, corrosion resistance, and anti-foam properties, minimizing foam generation during circulation.

【Product parameter】

| item | DZ series spindle oil | | | | | |
|--|-----------------------|-----------|-----------|-----------|-----------|-----------|
| Model number | DZ-2# | DZ-5# | DZ-7# | DZ-10# | DZ-15# | DZ-22# |
| Kinematic viscosity (40°C), mm ² /s | 2.210 | 5.002 | 7.132 | 10.04 | 14.89 | 22.86 |
| Pour point, ° C | -24 | -26 | -19 | -20 | -15 | -13 |
| Open flash point, ° C | 102 | 132 | 146 | 154 | 160 | 172 |
| Closed flash point, ° C | 80 | 98 | - | - | - | - |
| Moisture, % | none | none | none | none | none | none |
| Mechanical impurity | qualifie | qualified | qualified | qualified | qualified | qualified |

【Performance features】

- ***Excellent Lubrication:*** The spindle oil contains multiple anti-wear additives that provide effective lubrication on all spindle components, protecting them from wear.
- ***Good Oxidation Resistance:*** It prevents the formation of deposits within closed circulation systems, avoiding damage to spindles and bearings and ensuring equipment precision.
- ***Rust Prevention:*** The spindle oil has strong rust and corrosion resistance, effectively inhibiting corrosion caused by moisture ingress.
- ***Good Cooling Performance:*** It has effective heat dissipation properties, quickly removing the heat generated during high-speed spindle operation.
- ***Good Cleanliness:*** It protects machine tool precision by preventing the formation of sludge and deposits over long-term use, ensuring effective flushing and stable spindle operation.

【Scope of application】

● Suitable for textile machine, worsted spindle, automatic machine tool spindle and light load hydraulic circulation system, light load high speed industrial textile bearings, industrial circulation system, etc.

【Packing specification】

18L/ plastic bucket, 200L/ large iron bucket.