



Operating Data

Standard: API676-2009
 Capacity: 1 to 625m³/h
 Pressure: up to 32bar
 Temperature: - 20°C to +250°C
 Viscosity: 20 to 10000mm²/s

Typical Applications

Petrochemical: heavy oil, crude oil, asphalt, fuel oil, grease, lubricant, oil additives, gasoline, kerosene, diesel, various resins etc.

Coal chemical: coal asphalt, coal tar.

Chemical fiber: slurry, viscose, polyester etc.
 Chemical industry: Glycerin, sorbitol, cosmetics, shampoo, toothpaste, cleansing cream, soap, washing powder slurry, titanium dioxide, ink, paint, latex paint, glue, and various materials with high viscosity, polymer and carbamide.

Foods: chocolate, milk, dairy products, juice, jam, sauces, syrups, honey, beverages, spices, vegetable oil, soy protein, xanthan gum, starch, yeast solution.

Pharmaceutical: syrup, health products, medicine.

Paper: paper pulp, adhesives, additives.

General

The ZCB pump is the latest product on the basis of nearly 20 years' experience in researching, designing and manufacturing TLB series heavy oil pump for oilfield. It is a new generation of heavy oil pumps for the TLB series of oilfields (also known as TLB heavy oil pumps) and is ideal for highly viscous fluids.

The ZCB is positive displacement pump like single-screw pump for high-viscosity fluids and no pulsation. The special design of the ZCB rotor pump has many features, such as energy saving, high efficiency, compact and less floor space required and easy installation. It is particularly suitable for pumping fluids containing solid particles and high viscosity. ZCB rotor pump, comply with the requirements of API676-2009. It is designed with the reference of the advanced technology and concepts from Europe, the optimized design and manufacture make pumps has the advantages of high efficiency, little abrasion, long service life and low noise. Modular blade design (with patent) increases pump efficiency by more than 10%.

