hydrolub®
Grey cast iron gear pumps for industrial processes

Continuously operated equipment calls for reliable components. Whether in lubrication oil applications or in processing plants, a pump is required to work reliably and long-lasting. Thanks to the extensive range of components and pump sizes, hydrolub® can be configured to suit customers’ specific requirements and therefore, are far superior to standard pumps in terms of performance.

Your benefits
- High efficiencies (due to tolerances and small clearances being modified in line with applications)
- Precise displacement volume
- Self-priming
- Reliability and longevity
- Safety
- Low pulsations for oil applications (helical gears)
Application limits:
- **Viscosity:** 0.3 to 4,000,000 mPas
- **Temperature:** -30 to 150 °C
- **Suction pressure:** Vacuum to 65 bar
- **Discharge pressure:** Vacuum to 120 bar
- **Flow rate:** 0.1 to 2,400 l/min

A range of typical pumping media
- Silicones
- Paints and varnishes
- Waxes and paraffins
- Mineral oils and fats
- Fuels
- Petrochemical products
- Lube oil

Accessories
- Stands, motor flanges and base plates
- Product connecting flanges
- Couplings
- Motors and gear reducers
- Frequency converters
- Shaft seal systems

Certificates
- ATEX certificates
- 3.1 certificate
- German Air Quality certificate (TA-Luft)
- Performance test certificates

Options
- Heated seals
- Bi-directional rotation
- Special modifications for demanding applications
- Safety valve in the pump upon request

1) Other pump sizes and higher flow rates available.
2) Other materials and designs available.
3) Other certificates and conformities upon request.