

Screw pumps

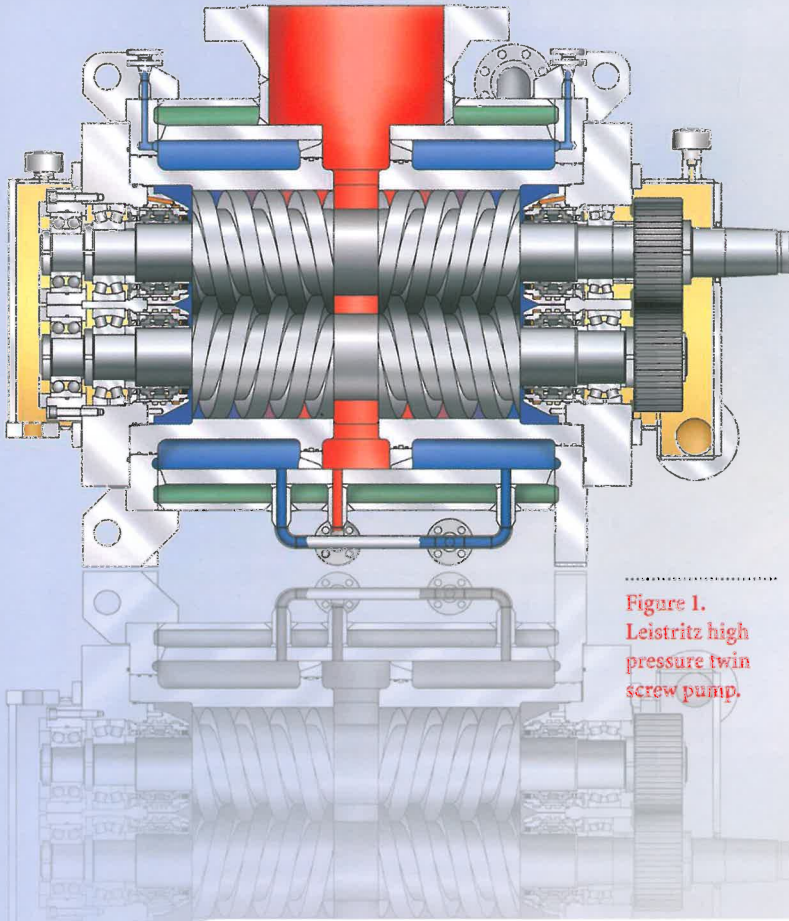


Figure 1.
Leistriz high
pressure twin
screw pump.

*Jeffery F.
De Vaul,
Leistriz
Corporation,
USA,* talks
about the different
types of screw
pumps used to
transport heavy
crude oil.

In the not too distant past, heavy crude oil was recognised as uneconomical to produce and transport. These heavy crudes required unique production, transportation and processing technologies that were at the time considered pioneering. Today, that is not the case. Heavy oil producers operating in the harsh



Figure 2. Leistriz twin screw pump in
pipeline service.