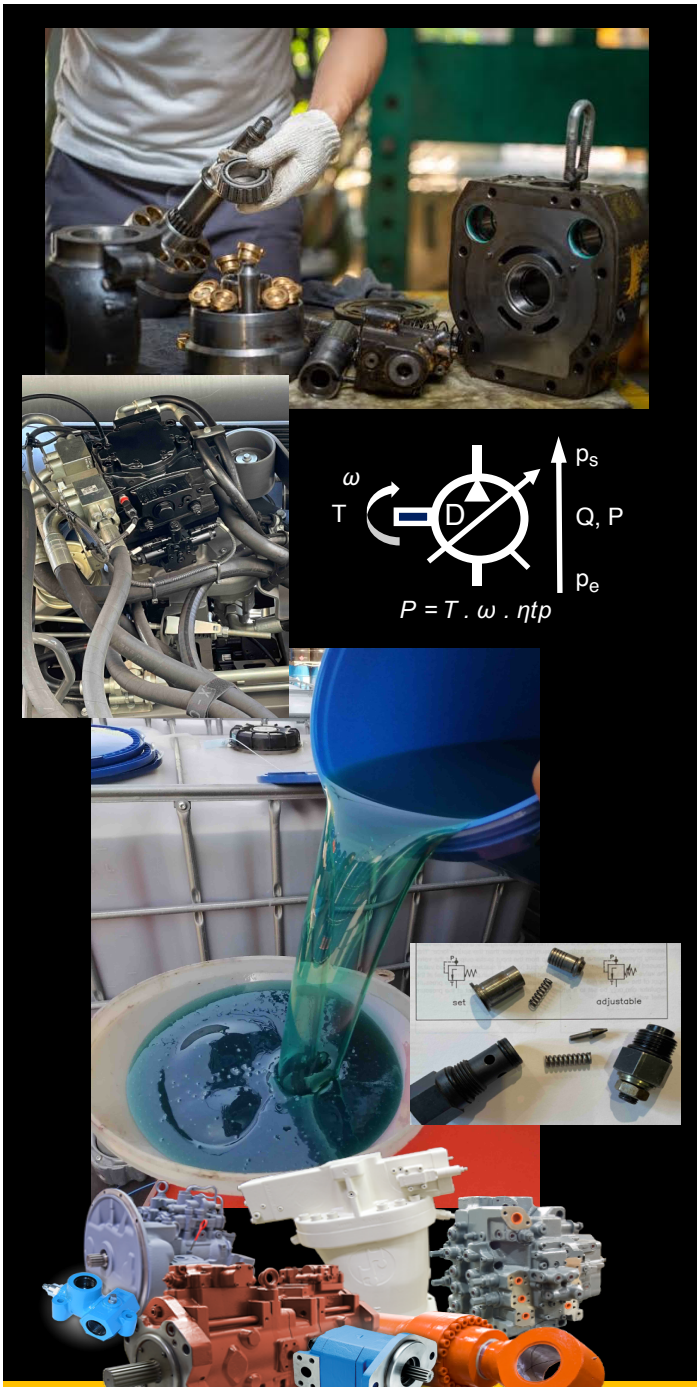

Engineer-Out Heat Load
HST-75 Cools Hydraulics…
Instant Results, Up to 30% Faster

75

$$\Delta p_p = p_o - p_i \qquad \omega = \frac{Q}{D \cdot \eta_{vp}}$$

$$\eta_{tp} = \eta_{mp} \cdot \eta_{vp}$$

$$Q = D \cdot \omega \cdot \eta_{vp} \qquad T = \frac{\Delta p_p \cdot D}{\eta_{mp}}$$

Real World Tests

Exceeds OEM Performance Standards

Simplify Hydraulics

1. Measure hydraulic system component temperatures and machine cycle times before and after oil / fluid change-out. ✓

2. The cooler the temperature, the faster the cycle time, the less input Energy & output Power wasted. ✓

Mining Approval

- Metorex Limited
- Anglo American Technical Services

ENERGY SAVING

Up to 30% lower energy consumption to complete the same amount of work

Hydraulic Fluid Classification

- Meets ASTM D 6068 ISO L 32/100[161]

High Temp. & Ultra High-Pressure

Bypass Leakage
Typical working clearance's
0,5µ - 5µ (micron)

… DISCOVER the POWER

VISKOTEK™ HST-75

Cheaper than replacing Parts, Repairs & Downtime

TITAN HYDRAULICS

$$P = T \cdot \omega \cdot \eta_{tp}$$

Hydraulics in a Drum