

The Industry's Most Reliable Air Motor for the World's Most Demanding Lube Oil Pump Environments



Designed for Harsh, Abusive, No Maintenance Applications.

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The Only Air Motor for Long, 30-Minute Plus Duty Cycles.

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Ideal for Wet-Sump/Splash of Planetary Gears and Bearings.

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Protects You from Over-Speed Problems.

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Irregular or Inconsistent Supply Air/Gas is No Problem for T100-MS.

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25% More RPM Capability than TDI's Best Lube Oil Pump Air Motor.

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Upgrading to T30-ML is Easy Almost identical footprint.

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TDI
TECH DEVELOPMENT

ANYTHING LESS THAN A
TURBOTWIN™ IS A COMPROMISE.

Enhanced Components and Design Features to Handle the World's Harshest, Most Abusive Oil Pump Motor Applications.

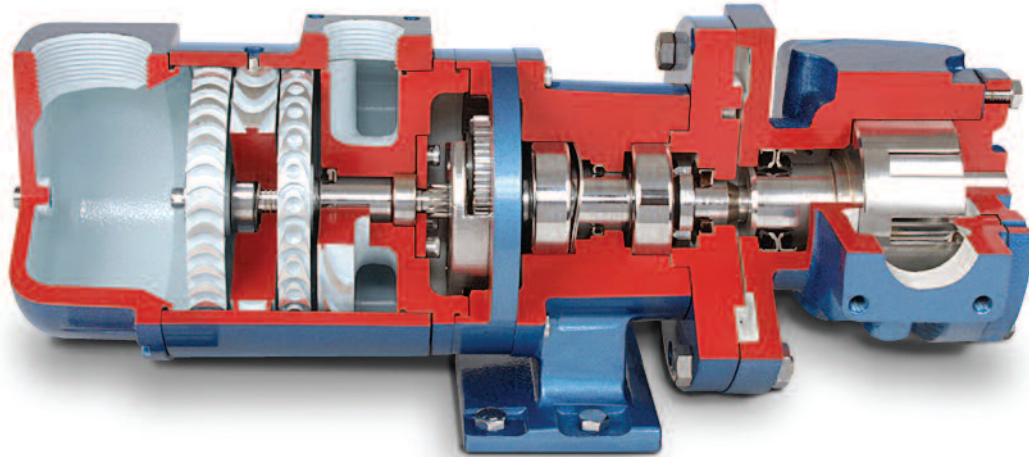
Proprietary
gearbox venting

Pressure balanced venting of
grease-packed rear bearing
and seal

Higher specification
double-lip shaft seals

Robust, lightweight
steel and alloy
construction –
no plastic parts.

Higher ABEC-related
turbine bearings



Sealed, ventless gearbox
with sight glass for proper
oil level maintenance

Nitride-treated planetary
ring gear

Precision balanced
turbine rotors

Additional labyrinth
secondary seal

25% More RPM than Even the TDI T30-ML.

T30-MS SPECIFICATIONS

Air Motor Type: Turbine

Gear ratio: 9.0:1

Rotation: CW or CCW

Motor (only) Supply: Air or Gas

Motor Inlet: 1 inch NPT

Motor Exhaust: 90° 1.5" NPT-F
Elbow

Output: 5 HP @ 1750 RPM
130 SCFM air flow @ 60 psig

Output: 5.5 HP @ 1750 RPM
160 SCFM methane gas flow @
60 psig

Max Motor Operating Pressure:
40 - 60 psig (w/30GPM pump load)

Max Recommended Output:
Motor RPM - 1850 RPM

Recommended Duty Cycle:
Intermittent Only: 1 - 30 minutes
max.

**TurboTwin Motor and
TurboValve Plus® Supply Medium*:**

Air or methane gas
*Solenoid versions air only.

www.tdi-turbotwin.com
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fax: 937-898-8431

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