PRODUCT DATASHEET

Lube Additive Dosing and Premix Skid

Heated additive storage, premixing and precise dosing for blenders

Product page





Close-up: heated additive tanks and dosing pumps

OVERVIEW

The Tech Inc. Lube Additive Dosing and Premix Skid prepares and doses the additives that turn base oil into a lubricant. Viscous additives are warmed in heated tanks, small-volume components can be premixed with base oil in a stirred vessel, and metering pumps or mass-flow meters dose them into the blend vessel or line at the rate the recipe sets.

TYPICAL DESIGN DATA

Dosing range	About 1 to 500 L/h per additive, larger on request
Accuracy	About 0.5% of the set dose with mass-flow measurement
Heating	Tank and line heating to about 80 °C
Codes and standards	Pressure parts to ASME B31.3
Materials	Stainless wetted parts
Control	Recipe dosing linked to the blending system
Hazardous area	Ex-rated build where required

MODELS AND CAPACITIES

- **TI-LAD-3** – three additives, about 1 to 500 L/h each
- **TI-LAD-6** – six additives
- **TI-LAD-10** – ten additives
- **TI-LAD-PM** – premix vessel, about 1 to 5 m^3

Indicative number of additive lines and dosing range.

ORDERING CODE

Example **TI-LAD-6-P-M**: **6** number of additive lines; **P** options: P premix vessel, D decanting station; **M** measurement: M mass flow, L load cells, V volumetric.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: premix vessel; drum and IBC decanting station; link to blending SCADA; ex-rated build; spare pump seals.

KEY ADVANTAGES

- **Precise** – mass-flow or weighed dosing
- **Cleaner plant** – closed decanting and dosing
- **Viscous additives handled** – heated tanks and lines
- **Linked** – recipes shared with the blending system

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