PRODUCT DATASHEET

Finished Lube Filtration and Drum Filling Skid

Final filtration and weighed filling of drums, IBCs and pails

Product page





Close-up: filling head on drum scale

OVERVIEW

The Tech Inc. Finished Lube Filtration and Drum Filling Skid gives blended lubricants their final filtration and fills them into drums, IBCs and pails by weight. A pump draws oil from the finished-product tank through bag or cartridge filters, and the filling head with coarse and fine flow fills each container on a scale to the set weight, logging every fill against the batch.

TYPICAL DESIGN DATA

Filtration	Bag or cartridge filters from about 1 to 25 µm
Filling accuracy	To the scale resolution, typically within about 0.1% of fill weight
Viscosity	Light oils to heavy gear oils, with heating on request
Codes and standards	Pressure parts to ASME B31.3 practice; scales calibrated for trade use where required
Materials	Carbon steel or stainless wetted parts
Records	Fill weights per batch, labels and reports
Hazardous area	Ex-rated build on request

MODELS AND CAPACITIES

- **TI-LFF-60** – about 60 L/min, drums and pails
- **TI-LFF-300** – about 300 L/min, IBCs and bulk
- **TI-LFF-150** – about 150 L/min, drums and IBCs

Indicative filling rate.

ORDERING CODE

Example **TI-LFF-150-D-V**: **150** filling rate, L/min; **D** containers: D drums, I IBCs, P pails, A all; **V** options: V vacuum dehydration, H heating, L label printer.

SCOPE OF SUPPLY

Included: factory acceptance test with a written report; drawings for approval, material certificates and manual.
Options: vacuum dehydration module; product heating; label printer and barcode reader; roller conveyor for drums; ex-rated build.

KEY ADVANTAGES

- **Cleaner oil** – final filtration before filling
- **No give-away** – filled by weight
- **Traceable** – fill records per batch
- **Compact** – filtration and filling on one skid

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