Expert Solutions for Liquid Terminal Applications

Where Innovation Flows

LIQUID TERMINALS Product Brochure

Where Innovation Flows

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Blackmer Pumps Used in Liquid Terminal Operations

Blackmer® is the global leader in transfer, transloading and blending solutions for petroleum and chemical liquid-storage terminals. Blackmer Sliding Vane and Screw Pumps have earned this distinction because of their ready compatibility with petroleum products from fuels to asphalt, chemicals, caustics, sulfates and acids, and all types of vegetable and animal oils or fats. Blackmer pumps are designed to run dry for short periods, and perform self-priming and line-stripping duties. Their design also makes them highly energy-efficient and eliminates many of the maintenance concerns inherent in other pump styles.

In short, for liquid-storage terminal applications, nothing beats a Blackmer for reliability, volumetric consistency, efficiency and energy savings in moving liquids into and out of storage facilities, be the mode of transportation be tanker ship, barge, pipeline, railcar or transport truck.

Liquids handled include:

- Crude Oil
- Refined Fuels
  - Gasoline
  - Fuel Oils
  - Lube Oils
- Processed Chemicals

- Bitumen, Asphalt
- Potassium Hydroxide (KOH)
- Anti-Gel Agents
- Soy, Palm and other Virgin Vegetable Oils
- Animal Fats

Blackmer Pumps are Designed to Help in Liquid Terminal Operations:

- Improve operational efficiencies on thin and viscous liquid transfer
- Significantly reduce maintenance costs by providing highly reliable, easy-to-maintain pumps
- Save energy through power-efficient pump designs
- Improve uptime performance – pumps are engineered to address the most problematic areas: seals and bearings
- Control quality by ensuring volumetric output consistency to meet blending specifications

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When it comes to optimizing flow performance, reducing costs and increasing profitability, the world’s most productive operations share a common demand – Better Get Blackmer.
<table>
<thead>
<tr>
<th>Pump Type</th>
<th>Bulk Transfer</th>
<th>In-Plant</th>
<th>Transportation</th>
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<tbody>
<tr>
<td></td>
<td>Loading/Unloading</td>
<td>In-Line Blending</td>
<td>Blending/Mixing</td>
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<td>GX/X Series</td>
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<td>ML/HXL Series</td>
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<td>NP/SNP Series</td>
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**Blackmer positive displacement sliding vane pumps:**
- Are designed specifically for reliable continuous-duty operation
- Set the industry standard for low- and medium-viscosity process and transfer applications
- Improve production yields – self-priming, high-suction pumps strip lines of residual product

**System One® centrifugal pumps:**
- Are built specifically for the toughest, hard-to-seal applications
- Set the industry standard for seal integrity and extended bearing life

**Blackmer positive displacement screw pumps:**
- Meet a wide range of applications given multiple port configurations and material options
- Produce the highest flow rates achievable by rotary PD pumps
- Suitable for a wide range of viscosities.