

APPLICATIONS

October 1997 volume 7

SIC CODE 291

BULK (RAW) ASPHALT

An HXL10E pump running at 122 RPM has been used very successfully to offload vast quantities of crude asphalt. Heat traced, this pump has outperformed the competition by at least 4 to 1 in terms of MTBM and has handled over 16 million gallons.

Transportation can represent a major cost when handling raw materials. Time is money. You also do not want to send the vessel back with a "heel" in the bottom as this also represents money.

The raw asphalt is pumped into storage tanks prior to refining. From the storage tanks the material is pumped into the refinery using XL and HXL Series pumps. These are well suited to the applications. With replaceable liners and discs they are quite easy and economical to repair rather than replace.

The material is pumped into storage tanks after refining. To quickly and efficiently move the asphalt from storage to transport vehicles they have installed HLX8G pumps.

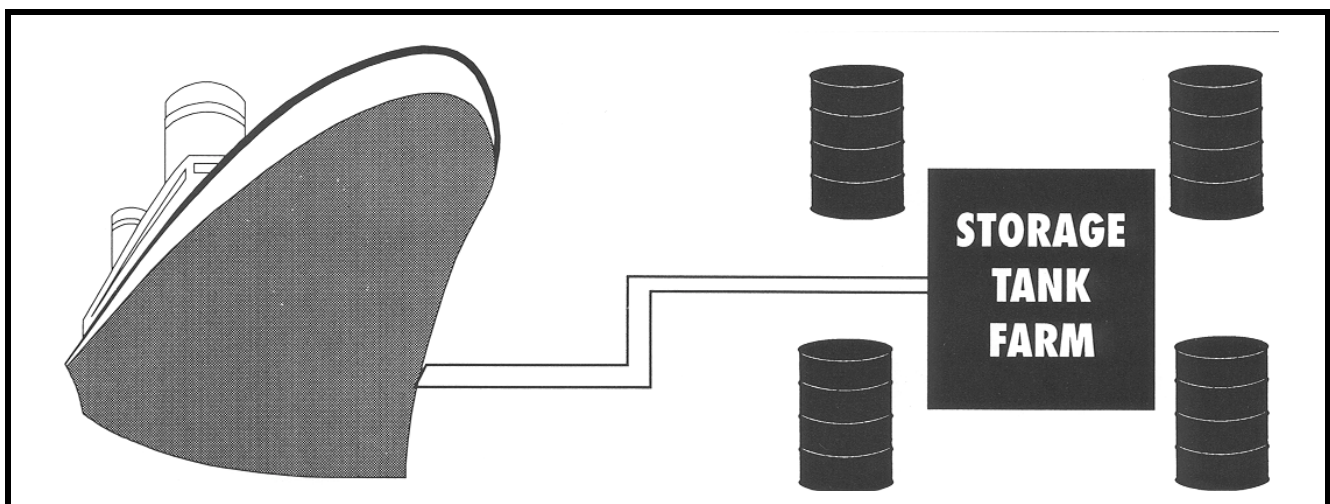
Blackmer pumps are preferred because of reliability, line-stripping capability, ease of maintenance and low cost of repair.

Competition

- Gear pumps
- Centrifugal pumps
- Other vane pumps

Glossary

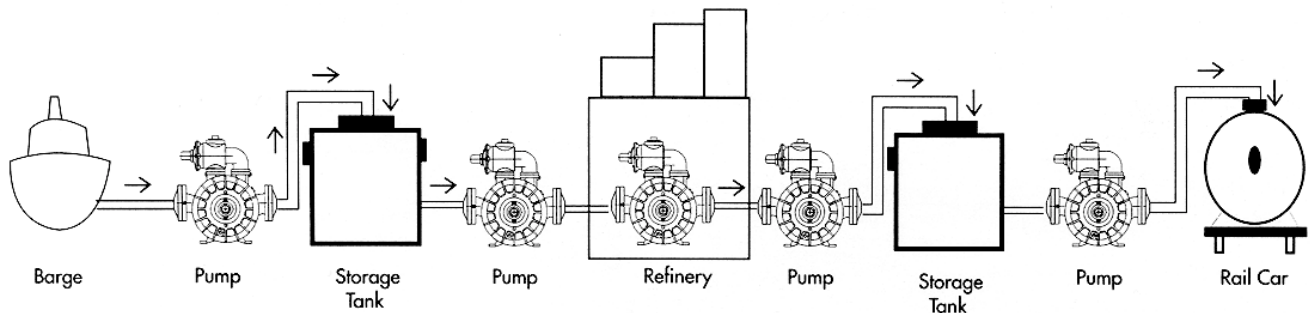
- **MTBM** - Mean time between maintenance



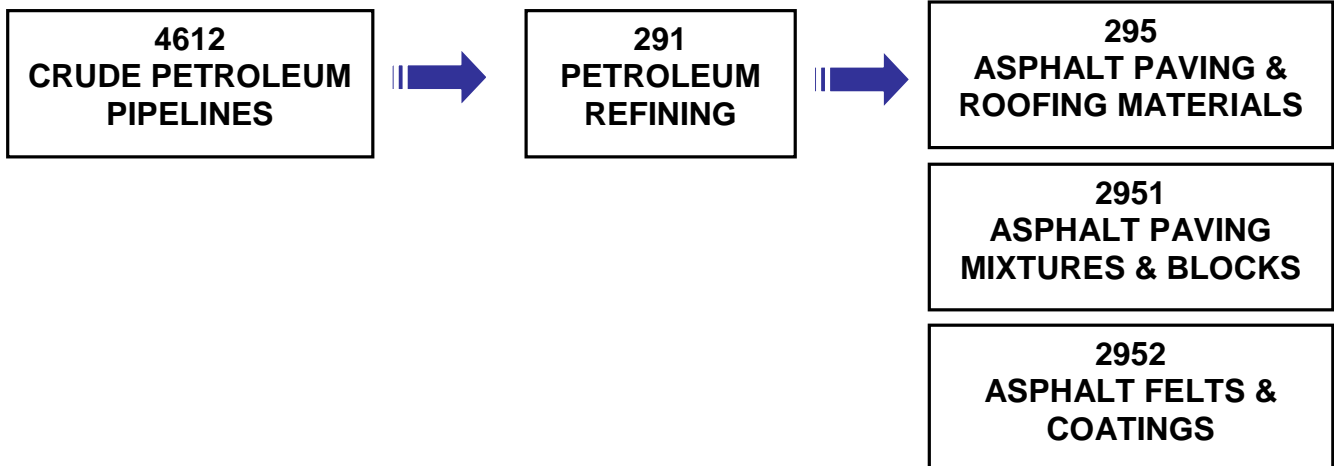
CHECKLIST

1. Be careful of suction lift requirements
 - A. Length
 - B. Elbows, tees, etc.
2. Confirm all specifications
3. Determine if Heat Jackets will be required
4. Available site utilities
5. Determine levels of abrasiveness

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SIC CODES



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