Manufacturing Lubrication Systems for rotating equipment has served as the foundation of Howard Marten Company’s success for over 65 years. The customizable designs allow our API-614 lubrication skids to be installed anywhere in the world, and in virtually all major industries.

Contact your Howard Marten Specialist for more information.

Luba Makarov, P.Eng.  
Application Engineering  
Phone: (905) 831-2901 ext. 301  
Email: luba.makarov@howardmarten.com
The key to our success in supplying reliable equipment is a keen understanding of the application, and the specific design considerations that must be taken into account for each unique customer, industry and project.

**Manufacturing Division and Engineering Centre**

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Phone: +1-905-831-2901
Email: eng@howardmarten.com

Howard Marten Company is ISO 9001:2008 certified and builds to all international technical regulations including:

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**Options available on Standard Packages**:  
- AC Motor-driven Main pump  
- Reservoir Heater  
- Fin - Fan Heat Exchanger  
- Plate & Frame Heat Exchanger  
- Dual Coolers  
- Transmitters in-lieu of switches  
- Additional Instrumentation  
- All SS construction (special)  
- Pressure Reducing valve to keep oil pressure higher than water pressure  
- Thermostatic Regulator  
- Channel Frame CS baseplate  
- Insulated Enclosure  
- Control Panel  
- Hazardous Area Classification

*HMCL Standard Exceptions to API-614 5th Edition for General Purpose Lube Oil System for API-614 units apply.

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### System Data

<table>
<thead>
<tr>
<th>System Size</th>
<th>Oil Flow Rate (USGPM)</th>
<th>Max Pres. PSI</th>
<th>Heat Load (BTU/Hr)</th>
<th>Water Temp In (Max) °F</th>
<th>Air Temp In (Max) °F</th>
<th>JIC CS Gal</th>
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<td>150</td>
<td>200,000</td>
<td>90</td>
<td>100</td>
<td>500</td>
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</table>

### Heat Exchanger Data

- Oil Type: ISO VG 32 to VG 68
- Supply Oil Pressure: 20 PSIG
- Supply Oil Temperature: 120°F
- System Design Pressure: 150 PSIG
- System Design Temperature: 200°F

### Reservoir Size

- L-04: 50
- L-08: 80
- L-15: 120
- L-20: 200
- L-25: 300
- L-30: 300
- L-40: 400
- L-50: 500

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### Lubrication System Ordering Information

<table>
<thead>
<tr>
<th>P20</th>
<th>L25</th>
<th>W</th>
<th>60</th>
<th>614.5.3</th>
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<tbody>
<tr>
<td>Pump Bearings</td>
<td>LOS Nominal Flow rate</td>
<td>Air to Oil Heat Exchanger</td>
<td>50 Hz application</td>
<td>60 Hz application</td>
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</tbody>
</table>

* Standard non-API design
  - API-614 General Purpose design