Allied MTX Rock Drill Oil

Specially formulated to stand up to the severe environmental conditions and wear and tear common to construction sites.

Allied MTX Rock Drill Oils utilize 100% virgin paraffin base stocks. These base stocks have extremely superior thermal and oxidative stability and excellent low and high temperature properties.

They contain the most rigorously tested, and field proven additive system that is specifically engineered to provide superior extreme pressure wear protection, strong resistance to water wash-off, and outstanding rust and corrosion prevention.

All Allied products are formulated to meet, or exceed, all relevant industry standards. The chart below highlights the key protection and performance features and benefits provided by Allied MTX Rock Drill Oil.

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilizes 100% virgin paraffinic base stocks</td>
<td>• Thermal and oxidative stability to prevent deposit formation and fluid thickening</td>
</tr>
<tr>
<td></td>
<td>• High and low temperature properties maintains proper oil flow and viscosity for outstanding wear protection, especially under severe operating conditions</td>
</tr>
<tr>
<td>Utilizes newest, most advanced, application-specific additive system</td>
<td>• Exceptional anti-wear properties, especially under extreme pressures, to ensure long equipment life</td>
</tr>
<tr>
<td></td>
<td>• Outstanding protection against rust and corrosion</td>
</tr>
<tr>
<td></td>
<td>• Strong adherence to metal surfaces to prevent water wash-off and resulting wear</td>
</tr>
</tbody>
</table>

To find out more about our products and services, contact us at: (402) 344-4343 or visit www.alliedoil.com
Allied MTX Rock Drill Oils are recommended for lubricating virtually all air-operated equipment such as:

- High and low speed drills
- Jackhammers
- Paving breakers
- Vacuum pumps

Allied MTX Rock Drill Oils meet requirements of the following equipment manufacturers:

- Chicago-Pneumatic
- Dresser-Rand
- Gardener-Denver
- Joy
- Many more

### Typical Properties:

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>METHOD</th>
<th>ISO 46</th>
<th>ISO 68</th>
<th>ISO 100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravity, °API</td>
<td>ASTM D287</td>
<td>31.31</td>
<td>30.64</td>
<td>28.71</td>
</tr>
<tr>
<td>Specific Gravity @ 60°F (15.6°C)</td>
<td>ASTM D4052</td>
<td>0.8691</td>
<td>0.8727</td>
<td>0.8832</td>
</tr>
<tr>
<td>Viscosity @ 40°C cSt</td>
<td>ASTM D445</td>
<td>0.52</td>
<td>86</td>
<td>108.2</td>
</tr>
<tr>
<td>Viscosity @ 100°C cSt</td>
<td>ASTM D445</td>
<td>6.99</td>
<td>8.94</td>
<td>12.21</td>
</tr>
<tr>
<td>Viscosity Index</td>
<td>ASTM D2270</td>
<td>107</td>
<td>105</td>
<td>108</td>
</tr>
<tr>
<td>Color</td>
<td>ASTM D 1500</td>
<td>0.5</td>
<td>0.5</td>
<td>2.5</td>
</tr>
<tr>
<td>Phosphorus, wt. %</td>
<td>ASTM D 5185</td>
<td>0.013</td>
<td>0.013</td>
<td>0.013</td>
</tr>
<tr>
<td>Sulfur, wt. %</td>
<td>ASTM D 4951</td>
<td>0.336</td>
<td>0.336</td>
<td>0.336</td>
</tr>
</tbody>
</table>

#### CLAIMS INFORMATION

- Dresser-Rand,
- Ingersoll-Rand,
- Gardner-Denver,
- Chicago-Pneumatic,
- UI# Steel 224
- AGMA 9005 D-94
- Cincinnati Machine/Milacron
- Denison HF-0
- Denison HF-1
- Denison HF-2
- Vickers I-286-S
- US Steel 127, 136
- DIN 51524, Part 2
- General Motors LS-2
- JCMAS HK
- Bosch Rexroth

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ALWAYS CONSULT OWNERS MANUAL FOR CORRECT VISCOSITY GRADE

Due to our goal of continuous improvement and commitment to keep pace with changing requirements, the information contained in this product sheet is subject to formulation changes without notification. Check with your Allied sales representative to make sure you have the most up-to-date product sheet. The version to reference is located in the right hand corner of this product sheet.

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