X-Trieve™ HR (AHR)
Hydraulic-Set Retrievable Production Packer

OVERVIEW
The X-Trieve™ HR (AHR) packer is a retrievable, hydraulic-set production packer set in casing to divert casing-to-tubing flow. It is set by pressuring up the tubing string against a plugging device below the packer. Bi-directional, case-carburized slips hold the packer against well pressures from above and below. Spring-loaded internal slips maintain the packer in the set position.

The X-Trieve AHR packer is a straight shear-to-release packer that is convertible to cut to release. The shear release value is adjustable.

APPLICATIONS
» Multizone production applications
» Single-trip applications
» Multi-string completions with control line feedthrough
» Electric submersible pump completions

FEATURES
» API 11D1-V3 validated
» Single-trip capability
» Barrel slip design
» Single-piece mandrel construction
» Triple seal multi-durometer element
» Straight shear or cut to release

BENEFITS
» Multiple packers can be set close together
» Easily converted between straight shear to release or cut to release
» Meets API 11D1 specifications
» Various casing sizes available
# X-Trieve™ HR (AHR) Hydraulic-Set Retrievable Production Packer

<table>
<thead>
<tr>
<th>Casing Size</th>
<th>Casing Weight</th>
<th>Packer OD</th>
<th>Packer ID</th>
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<tbody>
<tr>
<td></td>
<td>in.</td>
<td>mm</td>
<td>in.</td>
</tr>
<tr>
<td>5 1/2</td>
<td>139.7</td>
<td>20 to 23</td>
<td>29.76 to 34.22</td>
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<td>7</td>
<td>177.8</td>
<td>20 to 26</td>
<td>29.76 to 38.69</td>
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<td></td>
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<td>23 to 29</td>
<td>34.22 to 43.15</td>
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<td></td>
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<td>26 to 32</td>
<td>38.69 to 47.62</td>
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<tr>
<td>9 5/8</td>
<td>244.48</td>
<td>40 to 47</td>
<td>59.53 to 69.94</td>
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<td></td>
<td></td>
<td>47 to 53.5</td>
<td>69.94 to 79.62</td>
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