TruShield-SC for DCO Syrup Conditioning
Maximize Your Distillers Corn Oil Potential

Overview
The TruShield-SC has been protecting High-Speed Disk Stack Centrifuges and Tricanter DCO extraction systems since 2008. Building upon years of experience and R&D, the TruShield-SC has been optimized to condition syrup prior to corn oil extraction. It is available in multiple packages to best suit your plant’s syrup conditioning needs.

How it Works
TruShield-SC is a filtration system that provides protection for DCO extraction systems. Since its creation, the TruShield-SC has been optimized to provide syrup conditioning that results in large particle removal, affecting Stokes’ Law by viscosity reduction and improved oil droplet size. Conditioned syrup improves extraction-separation efficiency and thus increases DCO yields. The system operates automatically to purge rejected material.
TRUCENT – INDUSTRY-LEADING SERVICE PROVIDER

We believe that knowledge, data, and unmatched service is critical in changing the story of corn oil extraction.

- Advanced Analytical Support
- Process Analytics
- Product Distribution
- Preventative Maintenance
- Shutdown Support
- Full Inventory of Spare Parts
- Guaranteed to be on site within 24 hours of notification

TRUSHIELD-SC OPTIMIZED TO PROTECT YOUR DCO EXTRACTION SYSTEMS AND PROVIDES:

- Easy installation with single-point process, utility, and communication hook-ups
- Proven components for maximum system uptime and reliability
- Compact, modular design to minimize floor space used
- Compatible with all DCO extraction systems
- Seamless integration with all plant designs
- Low Capital Expenditure and Fast ROI
- Industry-leading returns

TYPICAL TRUSHIELD-SC DCO PRODUCTION INCREASES

<table>
<thead>
<tr>
<th>Feed Rate</th>
<th>Before/After</th>
<th>Average GPM of Oil</th>
<th>Viscosity Reduction %</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 MGPY ETHANOL PLANT</td>
<td>73 GPM WITHOUT TRUSHIELD</td>
<td>3.69</td>
<td></td>
</tr>
<tr>
<td>60 MGPY ETHANOL PLANT</td>
<td>73 GPM WITH TRUSHIELD</td>
<td>4.73</td>
<td>29.6</td>
</tr>
<tr>
<td>100 MGPY ETHANOL PLANT</td>
<td>95 GPM WITHOUT TRUSHIELD</td>
<td>4.45</td>
<td></td>
</tr>
<tr>
<td>100 MGPY ETHANOL PLANT</td>
<td>95 GPM WITH TRUSHIELD</td>
<td>5.82</td>
<td>33.3</td>
</tr>
<tr>
<td>140 MGPY ETHANOL PLANT</td>
<td>118 GPM WITHOUT TRUSHIELD</td>
<td>5.31</td>
<td></td>
</tr>
<tr>
<td>140 MGPY ETHANOL PLANT</td>
<td>118 GPM WITH TRUSHIELD</td>
<td>6.44</td>
<td>31.6</td>
</tr>
</tbody>
</table>

MAXIMIZE YOUR POTENTIAL. CALL TRUCENT TODAY.

trucent.com 877.280.7212

7400 Newman Blvd, Dexter, MI 48130