

| PRODUCTS   | DESCRIPTION   | PACK        |
|--|---|-------------|
| <b>Antifoam</b>  | It is an oligomeric, non-silicone product that is highly effective in virtually all lubricating oils, gear oils and industrial oils.<br>Performance Benefits:<br>- Exceptional thermal stability, suitable for low-temperature applications<br>- Superior solubility and better long-term stability than silicones<br>- Excellent air release in finished gear oils.  | 180 Kg Drum |
| <b>Demulsifier &amp; Defoamer</b>  | It is a silicone-free demulsifier and defoamer with excellent anti-wear and load-carrying properties. It is soluble in mineral oils, PAOs and esters.   | 200 Kg Drum |
| <b>Rust Inhibitor (Ash Less)</b>   | It is a premium-quality Ash-less component for a wide range of industrial lubricants ranging from turbine and compressor oils to mist lubricants.   | 180 Kg Drum |
| <b>Extreme-pressure/anti-Wear component</b>                              | Extreme-pressure/anti-wear component is a C12 – C14 t-alkyl amine phosphate product with antirust properties that is effective in automotive and industrial gear oils, greases and turbine oils.<br>Performance Benefits:<br>- Compatibility with a wide range of co-additives<br>- Soluble in mineral oils, PAOs and esters<br>- Demonstrated compatibility with gear-oil additive packages<br>- Excellent load-carrying and anti-wear characteristics         | 180 Kg Drum |
| <b>Extreme-pressure/Anti-wear Additive and NON Corrosive FZG Booster</b> | extreme-pressure/anti-wear component is a thermally stable alkyl thiadiazole / hexyloxypropylamine reaction product that is an effective extreme-pressure/anti-wear additive and non-corrosive FZG booster.<br>Performance Benefits:<br>- Compatibility with a wide range of co-additives<br>- Soluble in mineral oils, PAO's and esters<br>- Excellent load-carrying and anti-wear properties<br>- Enhances FZG test performance (increases stages to failure) | 200 Kg Drum |
| <b>Friction Modifier</b>   | friction modifier is an effective, sulphur-free friction modifier that substantially increases metal-cutting efficiency in cutting oils containing small quantities of elemental sulfur. It's performance allows formulators to develop low-odor cutting oils with lighter color.   | 186 Kg Drum |
| <b>Friction Modifier</b>   | friction modifier is a premium mixed alkyl borate ester that is a very effective friction modifier with potent dispersancy and anti-wear properties that also can be used to increase the dropping point of lithium greases.  | 180 Kg Drum |

## LUBRICANT ADDITIVES SOLUTIONS

| PRODUCTS  | DESCRIPTION  | PACK                        |
|---|--|-----------------------------|
| <b>Dispersant/Detergent (Ash Less)</b>                      | <p>dispersant/detergent is an ashless dispersant designed for use in engine oils, gear oils, industrial oils and fuel additive packages.</p> <p>Performance Benefits:</p> <ul style="list-style-type: none"> <li>- Compatibility with a wide range of co-additives and solvents</li> <li>- Excellent dispersancy</li> <li>- Contains no chlorine</li> <li>- Environmentally responsible</li> </ul>   | 180 Kg Drum                 |
| <b>Dispersant / Detergent (borated)</b>                     | <p>dispersant/detergent It is a premium borated dispersant /detergent for use in engine oils, gear oils and industrial oils.</p> <p>Performance Benefits:</p> <ul style="list-style-type: none"> <li>- Contains no chlorine</li> <li>- Superior thermal stability</li> <li>- Excellent performance in demanding applications</li> </ul>  | 180 Kg Drum                 |
| <b>Antioxidant</b>  | <p>antioxidant component maintains high-temperature lubricant performance in industrial and engine applications requiring amine-type additives. It is a highly effective alternative for Irganox® L 06 in existing formulations.</p> <p>Performance Benefits:</p> <ul style="list-style-type: none"> <li>- Superior high-temperature performance</li> <li>- Soluble in mineral oil, ester and PAO base stocks</li> <li>- Helps control deposit and varnish formation in many applications</li> <li>- Excellent RPVOT test performance (ASTM D-2272)</li> </ul> | 50 Kg Fiber Keg (2x25 bags) |
| <b>Metal Deactivator</b>                                    | <p>metal deactivator is a liquid, oil-soluble toluotriazole derivative that is effective in a wide variety of industrial lubricants.</p> <p>Performance Benefits:</p> <ul style="list-style-type: none"> <li>- High activity at low concentrations</li> <li>- High performance in hydrotreated base stocks</li> <li>- Synergistic performance with antioxidants</li> <li>- Low volatility</li> <li>- Contains no diluents</li> </ul>   | 180 Kg Drum                 |
| <b>Corrosion Inhibitor and copper passivator (Ash Less)</b> | <p>It is a tolytriazole/succinic anhydride blend that is an effective ashless corrosion inhibitor and copper passivator component for automotive and industrial gear oils.</p> <p>Performance Benefits:</p> <ul style="list-style-type: none"> <li>- Compatibility with a wide range of co-additives</li> <li>- Soluble in mineral oils, PAOs and esters</li> <li>- Superior corrosion inhibition/copper passivation</li> </ul>  | 180 Kg Drum                 |
| <b>Corrosion Inhibitor and Copper Passivator</b>            | <p>It is a solution of tolytriazole in oleic acid that inhibits corrosion and provides copper passivation and friction modification in a variety of industrial oil formulations.</p> <p>Performance Benefits:</p> <ul style="list-style-type: none"> <li>- Compatibility with a wide range of co-additives</li> <li>- Soluble in mineral oils, PAOs and esters</li> <li>- Excellent copper passivation and friction modification</li> </ul>  | 180 Kg Drum                 |