SAND S CHEMICAL COMPANY, INC.

CALL: 631-261-5920

CHEMICALS FOR INDUSTRY SINCE 1959

FAX: 631-261-5934

<u>Shane Burke</u> 269-910-8771 Chad Crocker 864-415-7638

Our efforts are directed toward developing and servicing a line of chemicals to meet the growing and varied needs of the chemical industry.

We welcome your inquiries and look forward to working with you on current and future projects

| WE SPECIALIZE IN INNOVATIVE SOLUTIONS ADDITIVES FOR GREASE FORMULAS | | | | |
|--|---|------------|--|---------|
| | | | | Product |
| ANTIOXIDANTS | | | | |
| Yalub PA 15-S | Propionate type | 1035 Type | | |
| Rianox 1135 | General purpose anti-oxidant | L-135 Type | | |
| Rianox 1010 | Hindered phenolic anti-oxidant | 1010 Type | | |
| Rianox 5067 | Hindered phenolic anti-oxidant | L-67 Type | | |
| Evernox 76 | Hindered phenolic anti-oxidant | 1076 Type | | |
| Everfos 168 | Secondary anti-oxidant | 168 Type | | |
| Rianox L 57 | Diphenylamine – AO | L57 Type | | |
| Yalub BODPA | Butylated, Octylated DPA | NA Type | | |
| Yalub NA-06 | PANA | L-06 Type | | |
| CALCIUM SULFONATES | | | | |
| S&S 6945 | Calcium sulfonate rust preventative with a TBN-20 | | | |
| S&S 108 | Calcium sulfonate rust preventative with a TBN-400 | | | |
| S&S 742 | Neutral calcium sulfonate rust preventative with a TBN-0 | | | |
| S&S 57 | Calcium sulfonate rust preventative with a TBN-57 | | | |
| BARIUM SULFONATE | | | | |
| S&S -3655 | Neutral barium sulfonate rust preventative with a TBN-0 | | | |
| FLUORINATED LUBRICANTS | | | | |
| Halocarbon fluorinated oils and greases | PFPE and PCTFE based fluorinated oils and lubricants | | | |

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| WE SPECIALIZE IN INNOVATIVE SOLUTIONS ADDITIVES FOR GREASE FORMULAS (cont) | | | |
|---|--|-------------|--|
| Product | Description | Offset** | |
| SULFUR EP ADDITIVES | | | |
| S&S LC-40 | Active sulfurized hydrocarbon/40% total sulfur | 2540 Туре | |
| 8&8 42 | Inactive sulfurized hydrocarbon/40% sulfur | 2541 Туре | |
| S&S 1540 | Active sulfurized hydrocarbon/40% total sulfur. Dark color, low odor | 213 Туре | |
| S&S LC-30 | Inactive sulfurized hydrocarbon/30% sulfur | | |
| S&S LC-AS | Active sulfurized hydrocarbon/30% total sulfur | | |
| S&S 20 | Active sulfurized hydrocarbon/20% total sulfur | | |
| S&S LC-22HP | Inactive sulfurized long chain hydrocarbon/20% total sulfur | | |
| S&S LC2515 | Sulfurized hydrocarbon/rapeseed Oil/15% total sulfur | 2515 Туре | |
| S&S LC 2550 | Sulfurized Fatty Acid/10% total sulfur | | |
| S&S SIB 45 | Sulfurized Isobutylene | 2545 Type | |
| S&S 24-GOP | Sulfurized additive designed for industrial gear oils. Meets US Steel 224 specifications | | |
| S&S SE-115 | Inactive sulfurized additive/15% Inactive sulfur. Multipurpose additive for greases, gear oils, and drawing & stamping fluids | SE-115 Type | |
| PHOSPHORUS BASED EP | | | |
| MC TPPT: CAS# 597-82-0 | Organo-thiophosphate. Registration in category code HX-1 | ТРРТ Туре | |
| MC TPPT Plus: CAS# 192268-65-8 | Tertiary butylated triphenyl phosphorothianate. Registration in category code HX-1 | 232 Туре | |
| ANTI-WEAR | | | |
| Yalub ZDD | Zn Carbamate | AZ Type | |
| Yalub MBC | Non-metallic Sulfurized Carbamate | 7723 Туре | |
| Yalub LA | Molybased Antiwear Additive | L Type | |

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| WE SPECIALIZE IN INNOVATIVE SOLUTIONS ADDITIVES FOR GREASE FORMULAS (cont) | | | | |
|---|--|-------------|--|--|
| Product | Description | Offset** | | |
| BORON | | | | |
| S&S 2000 | Borated Ester used for both lubrication and increased dropping point | | | |
| MISCELLANEOUS | | | | |
| MC Mecyrat M | Anti-wear additive. Modified melamine cyanurate | | | |
| MC 200 | Dimercapto-thiadiazole powder. Corrosion inhibitor and metal deactivator | | | |
| MC 202 | Bis-thiadiazole-derivate. Ashless EP/anti-wear additive | | | |
| Yalub TT-33 | Benzotrizole | 303 Туре | | |
| Hostagliss PA 135 | Ester of alpha olefin and dibutyl maleate | PA 135 Type | | |

**Offset tradenames shown for reference only and are the registered trademark of the individual manufacturers and have no affiliation with S&S Chemical Company, Inc.



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