



Syn-Tech Ltd.

The Finest Specialty Lubricants in the World



Aerospace Lubricants

Syn-Tech Ltd. has developed lubricants that meet strict military specifications and requirements including jet aircraft and helicopter applications. These lubricants have provided excellent service in extreme environments.

Syn-Tech Ltd. Aerospace lubricants provide the following characteristics: Wide operating temperature ranges, excellent lubricity, extreme pressure and antiwear properties that increase load capacity in gears and drive shafts, excellent oxidation, corrosion and water washout resistance.

| Product Name | Description | Typical Application | Spec. | Temperature Range °C |
|---|-----------------------------------|---|--|----------------------|
| NS-3913-G1 NSN 9150-00-506-8497 | Ester, Clay thickened | Fortified with extreme pressure, antiwear and corrosion additives, this lubricant was designed for extreme gear coupling applications under high temperature, high rpm and heavy loads with potential for misalignment and exposure to harsh environmental conditions. Applications include gear couplings for helicopters, gearboxes, splines, differentials, and screw jacks. | Bell Helicopter 204-040-755-055 | -40 to +176 |
| NS-4405-FG NSN 9150-01-212-1409 | Ester, Li complex thickened | A high load capacity semi-fluid grease designed for helicopter gearboxes. Fortified with extreme pressure, antiwear and corrosion additives for extreme stability under high centrifugal and rotational speeds. Applications include gearboxes, couplings, drives and bearings. | Hughes/ McDonnell Douglas HMS 20-1155 | -54 to +135 |
| NS-6075-G NSN 9150-00-823-8049 | Petroleum, Clay thickened | A versatile, extreme pressure, anti-wear and anti-fretting lubricant. Fortified with molybdenum disulfide and graphite to protect metal surfaces during periods of high loads and extreme pressure. Excellent water washout, rust and oxidation resistance with good mechanical stability. Applications include splines and similar applications. | Sundstrand MP01AA10 | -20 to +150 |
| NS-6074-F NSN 9150-01-411-6545 | Methacrylate polymer | O-ring lubricant. Used to lubricate O-rings prior to pressing them into cavities, preventing chafing or tearing of the O-ring surface. It is also used as an assembly aid to "stick hold" parts together in multi-component mechanisms such as gearboxes, pumps and engine accessories. | Sundstrand 57622 | - |
| NS-5806-G | Ester, Clay thickened | NS-5806-G is a non-melting extreme pressure grease designed for lubrication of aircraft slides and bearings. Fortified with molybdenum disulfide for excellent protection of sliding steel on steel against wear and seizure. Gelled with a non-melting bentonite thickener for extended operation at high temperature. | Hamilton Sundstrand MS02.63 | -73 to 150 |

2/08 Rev3

An ISO 9001:2008 Registered Company

Our Expertise

Syn-Tech's product line has evolved products that satisfy applications of many types. Experience and in-house testing facilities have generated the knowledge to create and modify new and existing products to perform under rigorous demands. Contact our offices for assistance in lubricant selection.

Contact Us:

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