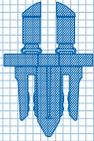




# Data Center Applications



Lubricants designed specifically to increase availability by improving up-time and reducing downtime in data center equipment.

## POWER BUS BAR & CARD-EDGE CONNECTIONS

Shock, vibration, and temperature cycles are all forms of micro-motion that create electrical contact wear (fretting); leading to power failure and signal loss. Nye's greases lubricate the electrical contacts and protects them from dust, water, oxidation and corrosion, improving connection reliability and equipment uptime.

**NyoGel® 760G** - Tin-Plated Contacts

**Uniflor™ 8100 Series** - Silver-Plated Contacts

## COOLING FANS

Sintered bearings are used in cooling fans to support low noise levels. They consist of pressed metal powder whose pores are impregnated with a lubricant to ensure permanent lubrication and long bearing lifetime. High temperature stability along with anti-oxidation additives also support extended operating life.

**Synthetic Oil 238** - Sintered Metal Bearings

## HARD DISK DRIVE

Fluid dynamic bearings are the lowest noise and longest life option for hard disk drives. Low evaporation or volatility of the oil is important to support the operating lifetime goals. In some cases, hydrolytic stability is also important.

**Synthetic Oil 227** - Fluid Dynamic Bearings





**Since 1844: Our performance is reflected in the value we bring to our customers.**

Nye Lubricants is a leader in the innovation, formulation and provision of synthetic lubricants, enabling and improving breakthrough products and critical new technologies. We bring proven experience, deep technical knowledge and customer focus to solve our customers' toughest challenges, adding tangible value to products in a wide range of industries and applications.

For more than 20 years, Nye has been providing lubricants to leading Power Tool OEM's to increase performance, reduce power consumption, improve ergonomics, and lengthen operating life.

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