

PRODUCT INFORMATION

ORION 47 **HIGH TEMP NON MELT LUBRICANT**

Orion 47 is a stable drop point grease with a resistance to temperatures of up to 260C (500F)! Ordinary greases have unstable drop points because they conform to the "soap" type greases, which deteriorate rapidly under high heat conditions.

Orion 47 however, contains solid and highly-micronized supplements that are impossible to melt-providing a "carrier" for the mineral oil.

As carrier, they ensure that Orion 47 remains stable up to -and including -the drop point of beyond 260C (500F). Ordinary greases cannot cope with temperature changes and begin to melt at a temperature well below 260C (500F).

LUBRICITY:

Orion 47 is much more than just a temperature-resistant lubricant.

It also provides exceptional lubricity that retards wear and prolongs equipment life.

SUPPLEMENT PROTECTION:

Orion 47 contains a solid supplement.

This consists of montmorillonite particles which form a bearing between metal surfaces that will not break down -even under extreme temperatures!

Ordinary greases cannot provide this "barrier" and subsequently, the grease rapidly disintegrates.

THERMO HYDRODYNAMIC LUBRICATION:

Orion 47 provides maximum protection for a wide variety of equipment.

This is made possible by the development of a hydrodynamic concept in Orion 47, whereby a "wedge" is formed between areas subjected to constant wear.

This wedge resists not only the evaporative tendency of the heat cycle but also the immense friction barrier caused by heat and pressure formations.

The ability of Orion 47 to suppress this natural force of lubricant migration is an outstanding feature unique to the Orion family.

Ordinary grease being utilized for high temperature applications rapidly break down and leave the wear areas unprotected.

This promotes metal-to-metal contact which, in turn, causes wear -and shortly thereafter, complete and total parts seizure.

Additionally, ordinary greases are inconsistent and need constant replenishment.

Their unreliable tendency to become fluid and fling off has hazardous effects on the equipment and its maintenance.

