

Revised
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TECHNICAL DATA SHEETS
AS203

Description:

AS203 is a premium quality anti-seize lubricant especially designed to offer the maximum protection of components that are exposed to extremely harsh environments. **AS203** offers the greatest resistance to the most corrosive and extreme temperature environments (2600 F). This material is formulated using pure colloidal nickel and graphite flakes that are dispersed in a superior high performance petroleum carrier. **AS203** is safe to use with anhydrous ammonia, acetylene, and other vinyl monomers. It will not poison catalyst beds, reaction chambers or special alloy fittings. It does not contain any copper, lead, or molydisulfide. **AS203** retards galvanic action.

Features and Benefits:

Offers maximum protection from acids, caustics, chemicals
Excellent high end temperature resistance
Protects against rust and corrosion
Reduces friction-provides constant torque tension
Provides a Nickel Plating as a barrier between metal surfaces
Speeds assembly and disassembly
Prevents seizing, galling, and cold welding
Non-hardening, non-dripping
Exceeds MIL-A-907

Applications Include:

nuts and bolts	injector nozzels
valve assemblies	generators
cam rollers	conveyors
couplings	dies
drills	fittings
flanges	gears
keyways	motors
press fits	pumps
shafts	sleeves
slides	spark plugs
taps	valves
wristpins	hinges

Composition:

AS203 is formulated by using pure colloidal nickel and graphite, dispersed in a high quality, high temperature carrier which has been fortified with anti-oxidants, corrosion inhibitors, and extreme pressure additives.

Solid Lubricants.....38 %

Made up of:

Nickel.....21%
Graphite.....15%
Aluminum.....2%

Physical Properties:

Specific gravity.....1.2
Weight per gallon.....10.3
Penetration.....320-340
Oil separation.....<1% @ 158F, 30 hours
Color.....Metallic gray

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com