

# NS-4318-G

## Synthetic Calcium Marine Grease

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NS-4318-G is a synthetic hydrocarbon based grease with a water washout resistant special calcium thickener. This product provides load carrying performance and reduced wear for steel and brass component. This grease also has excellent salt water corrosion protection and superior water washout and spray off properties for bearings and gears.

### Characteristics:

- Antiwear performance for steel and brass
- High resistance to water washout and spray off
- High oxidation resistance
- Excellent rust and corrosion protection
- Excellent mechanical stability
- Operating temperature range of -20°C to 100°C (-4°F to 212°F)

### Typical Properties

Thickener	Special Calcium
Color	Cream
NLGI grade	2
Oil Separation Storage, ASTM D1742, %	<0.5
Copper corrosion, 24 hrs. @ 100°C	1b
Salt Fog, ASTM B117, Hrs	>1000
Emcor Test, ASTM D6138, 100% Sea Water	0,0
Water Washout, ASTM D1264, %	<1
Water Sprayoff, ASTM 4049, %	12
4-Ball Wear, ASTM D2266, average wear scar, mm	0.5
4-Ball EP, Load Wear Index, ASTM D2596, kgf	50
4-Ball EP, Weld point, ASTM D2596, kg	400
Timken® OK Load, ASTM D2509, Kg	25

### Typical Base Fluid Properties

Base fluid	PAO
Viscosity Index, ASTM D2270	140

### Material Compatibilities:

Compatible with most engineering plastics including ABS and polycarbonate. Not for use with Buna S, Butyl, EPDM, EPR, or natural rubber elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

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