

NS-6075-G

Spline Lubricant (NSN 9150-00-823-8049)

NS-6075-G is a versatile extreme pressure and anti-wear lubricant. This lubricant contains a petroleum base oil and inorganic thickener that gives the grease the ability to lubricate effectively at temperatures above 450°F. Formulated with a unique combination of molybdenum disulfide and graphite which gives NS-6075-G the ability to lubricate even when wiped to a thin film, providing metal surfaces protection during periods of high speeds, high loads and extreme pressure. It also provides excellent water resistance, rust and oxidation resistance, good mechanical stability, adhesiveness and pumpability.

Characteristics:

- Non-melting
- Plates metal parts with a solid lubricant film
- Protects against rust

Typical Properties

Color	Grey
Penetration, ASTM D217, worked, 60 DS	270
Thickener	Inorganic
Dropping point, ASTM D2265, °F(°C) min.	500(260)
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	1
Copper corrosion, 3 hrs. @ 100°C	1b
Evaporation Loss, ASTM D972, 22 hrs. @ 250°F, %	1
Bomb Oxidation, ASTM D942, 100 hrs, 210°F, psi	5
4-Ball Wear, ASTM D2266, average wear scar,mm	0.45
4-Ball EP, Load Wear Index, ASTM D2596, kgf	45
4-Ball EP, Weld point, kg	350
Timken® OK Load, ASTM D2509, Lbs.	60

Typical Base Fluid Properties

Viscosity, ASTM D445 @ 40°C, cSt	410
Viscosity, ASTM D445 @ 100°C, cSt	30
Flash point, ASTM D92, °F	550

Material Compatibilities:

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

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