

# NS-6075-G

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

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NS-6075-G is a versatile, extreme pressure, anti-wear lubricant. This lubricant contains a petroleum base oil, and an inorganic thickener that gives the grease the ability to lubricate effectively throughout wide temperature fluctuations. Incorporated into the base oil is the unique combination of molybdenum disulfide and graphite which gives NS-6075-G the ability to lubricate in the event that the grease base is wiped away by plating to the metal surface in order to form a lasting solid lubricant film. This gives the metal surface the protection it needs 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.

### Typical properties

Penetration, ASTM D217, worked, 60 DS	240 - 260
Thickener	Inorganic
Dropping point, ASTM D2265, °C	252
Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	1
Color	Grey
Copper corrosion, 3 hrs. @ 100°C	1b

### Typical base fluid properties

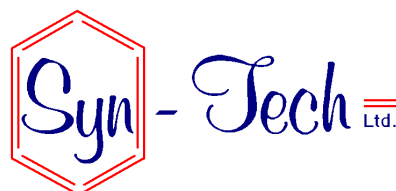
Viscosity, ASTM D445 @ 40°C, cSt	410
Viscosity, ASTM D445 @ 100°C, cSt	30
Flash point, ASTM D92, °F	550

### 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.

3/99 Rev. 1

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