

# TECHNICAL DATA SHEET

## GRAPHACE NOL-11

OIL BASED DIE LUBRICANT FOR MINIMAL SPRAY APPLICATION

### PRODUCT DESCRIPTION:

GRAPHACE NOL-11, compared to the conventional water-based lubricant, the composition of this lubricant only requires a small amount to be used and is environmentally friendly due to zero emission. Minimal nozzle clogging improves the die surface and environment. In addition, the minimal spray of the GRAPHACE NOL-11 can keep a higher temperature range compared with spraying much more of the conventional die lube to keep the same temperature. This improves the fluidity of the molten metal due to minimal die cooling and prevents heat crack of the die mold.

### BENEFITS:

- Excellent preventive die soldering
- Reduced cycle time (based on reducing air blow)
- Zero Emission
- Longer die life

### PHYSICAL PROPERTIES:

<b>APPEARANCE</b>	Colorless & Transparent liquid
<b>DENSITY (g/cm<sup>3</sup>, 15°C)</b>	0.85
<b>VISCOSITY (mPa·s, 25°C)</b>	5
<b>FLASH POINT (°C)</b>	>110

### COMPOSITION:

- Extreme pressure additive
- Synthetic ester oil
- Synthetic oil
- Hydrocarbon compound

### APPLICATION:

Use neatly. Do not dilute.

### HANDLING & STORAGE:

Store the GRAPHACE NOL-11 indoors in a cool, dark room. Please refer to the Safety Data Sheet.

### PACKAGING:

GRAPHACE NOL-11 comes in 18L pails