

# D-MAX GO30-68

Product code: 267600301

## Graphite in oil dispersion

D-Max GO30-68 is a dispersion of colloidal, synthetic graphite in refined mineral oil. Compared to other Matrix dispersions, the graphite is suspended in a lower viscosity oil to improve flow and pumping properties.

## Applications

- Forging lubricants
- Hot pressing
- Hot brass stamping
- Light alloy press forging
- Die lubricants
- Aerosol concentrate.
- Oil additive
- High temperature bearing lubrication
- High temperature conveyor chains
- Kiln car bearings
- Tires of rotary kilns
- Assembly lubrication
- Extrusion lubricant for dies and tools
- Die face lubrication and release of ejectors, core slides and plungers
- Lubrication of core slides and pins in gravity die casting
- Mould and neck ring lubrication for glass container manufacture

## Benefits & Advantages

- High covering power
- Maximum adhesion
- Excellent suspension properties
- Superb release properties
- Increases load carrying capacity of oils
- Reduces wear
- Stable at high temperatures
- Prevents scoring or seizure
- Provides thin smooth coatings of graphite on hot surfaces
- High temperature parting and release action
- Effective lubricant for all metal surfaces.

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## Typical Performance Data

Typical	Value
Appearance	Black fluid
Synthetic graphite	>98% purity
Specific gravity @ 20 °C, kg/m <sup>3</sup>	1.08
Solid content, %	~30
Particle size, μm	>95% <1
Shelf life, months	>6
Diluent	Oil and organic solvents

All performance data on this Technical Data Sheet are indicative only and can vary during production.

## Dilution

The product is supplied as a concentrate and may be diluted prior to use.

## Stirring/Mixing/Dilution

This product will blend with most commercially available oils or greases. The product is compatible with most oil additive treatments. When blending the oil should be pre-heated to about 50 °C. Stir the product thoroughly to achieve a uniform consistency, then premix equal parts of the product and the oil before blending with the balance of the oil. Maintain continuous agitation by mechanical stirring throughout the blending operation. We recommend using this product at a minimum of 1% solids by weight in the finished oil.