



DISPERSION - GRAPHITE CH30 (IN WATER)

Spanjaard CH-30 is a concentrated, superior quality dispersion of high purity colloidal graphite, Anti-corrosion and EP additives in water. It provides excellent lubricating and release properties for use in an extensive range of applications for which lower grade dispersions are unsuitable. Normal dilution with preferably soft or deionised water at 1 part **Spanjaard CH-30**:8 parts water.

APPLICATIONS

- Mould and die coating in the gravity and pressure die-casting of light alloys and other metals.
- Pre-treatment of service lubrication of hot metal-working tools e.g. extrusion and forging dies; mandrels; etc for super alloys, ferrous and non-ferrous metals.
- Lubrication in the hot drawing of tungsten and molybdenum wire.
- Surface coating of gasket and jointing materials to provide good parting properties.
- Electrically conducting coatings.
- Casting of engine parts.

APPLICATION INSTRUCTIONS

Shake/mix product in original container to break gel. It is important that dilution with preferably soft water (so as not to interfere with the dispersion) is carried out by adding the water to the concentrate, and not the reverse. The water should be added slowly until an equal volume has been added and then increase water addition rate to desired dilution while constantly stirring. **Spanjaard CH-30** may be applied by brushing, swabbing, spraying or dipping.

Note: Do not keep diluted product in metal container as rust may cause product to flocculate.

TYPICAL PROPERTIES

Carrier	Water
Viscosity @ 25°C, cP	8000 – 10 000
Solids, %	27,5
S.G. @ 25°C.g/ml	1,162
PH	10
Appearance	Black, thixotropic paste
Odour	Ammonia
Freezing point, °C	0
Particle size, micron	< 5
Ash residue, @ 850°C, %	2,7
Shelf life, unopened, months	12



HANDLING AND STORAGE

Spanjaard CH-30 should be stored in a cool place and containers should be tightly re-sealed after use. Protected against bacterial attack by ammonia.

PACKAGING

15kg, 50kg and 200kg drums.

CP/mg/Dispersion Graphite - CH30 – May 2016