



TECHNICAL DATA

METALFLO 4000

Water Based Graphite Dispersion

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Description

ROCOL METALFLO 4000 is a water based graphite dispersion for use in the hot metal working industries. ROCOL METALFLO 4000 is particularly suitable for drop hammer and press forging.

ROCOL METALFLO 4000 is used for the lubrication of all types of hot metal working tools including press and drop hammer dies. ROCOL METALFLO 4000 is formulated for application through manual or automatic systems and is recommended for use over a wide range of billet weight and component complexity. Suitable for die temperatures up to, and in excess of, 400°C.

Outstanding Features

- Fume free
- Aids metal flow - promotes die filling
- Minimum carry over on non-ferrous metals
- Controls die temperature and extends die life
- Forms an even bonded coating on hot metal surfaces

Directions for use

ROCOL METALFLO 4000 can be used neat or diluted with up to 20 parts water depending on severity of operation. It can be applied manually but for best results it is recommended that an automatic spray system is used.

ROCOL Lubricants

ROCOL House, Swillington, Leeds LS26 8BS, England.

Tel: 0113 232 2600 Fax: 0113 232 2760

ROCOL is a BS EN ISO 9001 registered company.

ROCOL is a trade mark of ITW inc

The information in this publication is based on our experience and reports from customers. There are many factors outside our control and knowledge which effect the use and performance of our products for which reason the information in this publication is given without responsibility

Technical Data (typical values)

| | |
|---------------------------|--|
| <i>Appearance:</i> | <i>Grey/black liquid</i> |
| <i>Carrier:</i> | <i>Water</i> |
| <i>Graphite content:</i> | <i>21%</i> |
| <i>Particle size:</i> | <i>50% below 2 microns</i> |
| <i>Viscosity at 25°C:</i> | <i>1747 cSt</i> |
| <i>Specific gravity:</i> | <i>1.13</i> |
| <i>Storage:</i> | <i>Store at normal ambient temperature, 0°C to 40°C Do not freeze.</i> |

Pack sizes and part codes

20 litre part code 78543

Health and Safety

Safety data sheet is available from the Customer Service Department, ROCOL Lubricants, ROCOL House, Swillington, Leeds, LS26 8BS, England.

Telephone: 0113 232 2700, (When calling from outside UK: 44 113 232 2700).

Fax: 0113 232 2760, (When faxing from outside UK: 44 113 232 2760).

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