

Last Updated: 02.07.2018

Product Code: IF 0405

MULTIGRIND NF400 is a fully synthetic grinding fluid concentration.

BENEFITS

- Formulated to promote enhanced protection against bacterial and fungal degradation.
- Exceptional cooling properties.
- Good wheel flushing properties
- Excellent corrosion protection of machine and work pieces.
- Nitrite, phenol and chlorine free.

APPLICATIONS

(Minimum treat rate: 3% in water)

Typical concentration for cylindrical, centre-less and surface grinding 3% - 4%
For more arduous applications and hard water areas increase up to 5%

Water hardness should be checked to determine optimum running concentrations, please consult your SAR Lubricants Sales Engineer for further details.

TYPICAL PROPERTIES

Appearance	Amber / Green Clear Solution
Specific Gravity @ 15.6°C	1.03
pH (3% solution)	8.7

1/2

FLUID MAINTENANCE

Refractive Index: - 2.94 = % / ° Brix

<i>Refractometry data for Multigrind NF400</i>	
<i>Refractometer reading</i>	<i>Actual Concentration</i>
0	0
0.34	1.0
0.51	1.5
0.68	2.0
0.85	2.5
1.02	3.0
1.19	3.5
1.36	4.0
1.53	4.5
1.70	5.0
1.87	5.5
2.04	6.0

HEALTH & SAFETY, STORAGE AND DISPOSAL

MULTIGRIND NF400 should be stored in dry conditions and protected from extreme temperatures: between 4°C and 35°C is the recommended storage temperature.

MULTIGRIND NF400 is unlikely to present any significant health or safety hazard when used as recommended by SAR Lubricants. Good standards of personal and industrial hygiene are to be maintained by the user (see Material Safety Data Sheets). In order to protect the environment, the product used should be safely disposed by a licensed contractor. The packaging material should be handled by a recognised reconditioning firm.

Prior to using this product, consult the Material Safety Data Sheet for instructions regarding safe handling and environmental issues. The information contained herein is based on data available to us and is believed to be accurate.

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