

FUNCTIONAL HF 762

Antiwear Hydraulic Fluid Additive

APPLICATION:

FUNCTIONAL HF 762 is a fully formulated multipurpose corrosion, antiwear and EP hydraulic oil additive package. This product demonstrates great thermal stability, oxidation stability and excellent demulsibility characteristics. **FUNCTIONAL HF 762** contains powerful foam inhibitors and can be used in both high and low pressure hydraulic systems as well as mobile applications. HF 760 is a robust formulation that meets the following industrial and mobile specifications:

Dennison HF-0

DIN 51524 (Part 2)

U.S. Steel 136, 127

Vickers -I 286-S

COMPOSITION:

FUNCTIONAL HF 762 is a mixture of oxidation, wear, foam and corrosion inhibitors as well as demulsifiers to give the optimum performance.

Typical Properties	
Appearance	Clear brown liquid
Specific Gravity	1.12
Lbs per Gallon	9.3
Color, D-1500	2.5
Flash Point, °C (PMMC)	> 130
Kinematic Viscosity, cSt @40°C	168.0
Kinematic Viscosity, cSt @100°C	13.0
Zinc, % by wt.	8.94
Phosphorous, % by wt.	7.65
Solubility in oil	Soluble
Solubility in water	Insoluble

TREATMENT LEVEL:

FUNCTIONAL HF 762 treatment level is recommended at 0.50% by weight (0.44% by volume) but the required treatment level is best determined by experimentation by the user.

HANDLING:

Use normal procedures for handling or blending of **FUNCTIONAL HF 762**. Typical storage temperature is recommended at 110°F and handling temperature should be no higher than 140°F. Review the current Material Data Safety Sheet before using.

This Technical Data Sheet and the Material Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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ISO 9001:2000 (With Design)