

### FUNCTIONAL WA-64

#### “WAY-Light” LUBRICANT ADDITIVE

- Light Color & Low Odor
- Excellent Demulsibility
- Soluble in Group I, II, III, PAOs, PAGs, and vegetable based oils
- Passes: GM LS-2, Cincinnati Milacron P-47

#### APPLICATION:

**FUNCTIONAL WA-64** is the newest addition to our series of way oil packages. **FUNCTIONAL WA-64** provides extreme pressure protection, prevents stick-slip, and protects against corrosion of both ferrous and copper alloys. Unlike other way lubes, **FUNCTIONAL WA-64** makes lubricants unusually resistant to removal by the detergency of the synthetic coolants and soluble oils present in a way lube environment. **FUNCTIONAL WA-64** resists emulsification in coolants and is easily skimmed to permit coolant reuse.

#### COMPOSITION:

**FUNCTIONAL WA-64** is a combination of extreme-pressure additives, friction modifiers, and corrosion inhibitors carefully selected for their resistance to alkalinity. Combined with a tackifier, it will provide all the necessary additive components for a way lubricant. **FUNCTIONAL WA-64** is free of zinc dithiophosphates or other zinc compounds.

Typical Properties:	
Appearance	Amber liquid
Odor	Mild sulfurous
Sulfur Content	12.0%
Specific Gravity	0.95
Lbs per Gallon	7.9
Flash Point	(Foams at 110°C)
Fire Point	150°C (300°F), min.
Kinematic Viscosity	45 cSt at 40°C

#### TREATMENT LEVEL:

**FUNCTIONAL WA-64** should be used at 1.75% by weight in an ISO 68 base oil to prepare way lubricant of the CINCINNATI MILACRON P-47 type. The treatment level may be reduced in applications that do not require full extreme-pressure protection. Paraffinic oil should be used to resist removal by naphthenic-based soluble oils.

A tackifier treatment of 0.5% **FUNCTIONAL V-188** or **V-178** is recommended. Either the way oil package or tackifier must be diluted in the diluent oil first prior to adding the second component.

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This Technical Data Sheet and the 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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