

PRODUCT DATA SHEET

FOODSAFE WP SERIES OILS

DESCRIPTION

FOODSAFE WP SERIES OILS are non-toxic, transparent, odorless fluids designed for multifunctional food applications including hydraulic and process applications, as well as for coating and working of food grade packaging metals like aluminium. FOODSAFE WP SERIES OILS are formulated with food grade USDA & NSF approved base fluids and fortified with approved synergistic additives to provide additional oxidation resistance for multifunctional applications. FOODSAFE WP SERIES OILS have excellent wetting properties, consistent viscosity characteristics and high viscosity index for suitability over a wide temperature range. FOODSAFE WP SERIES OILS are approved under H1 category of NSF and are certified to be completely safe for incidental contact with food materials.

PRODUCT FEATURES

FOODSAFE WP SERIES OILS provide a tenacious film that lubricates, facilitates transmission of power and extends tool/component life. When used as coating oils, FOODSAFE SERIES OILS exhibit excellent lubrication properties, eliminate metal pick up and provide flawless metal surfaces. FOODSAFE WP SERIES OILS have good hydrolytic and oxidation stability, extending the fluid life. FOODSAFE WP SERIES OILS protect and keep systems clean. FOODSAFE WP SERIES OILS are formulated from ingredients conforming to the USDA H1 requirements and can be safely used for food and metal coating applications without need for removal of fluid prior to post processing.

APPLICATION AREAS

FOODSAFE WP SERIES OILS are suitable for a wide range of food hydraulic, process, forming and coating requirements. FOODSAFE WP SERIES OILS can also be used for coating of aluminium and non-ferrous alloy sheets used in food packaging applications.

FOODSAFE WP SERIES OILS can be applied through rollers, brushes or by spraying.

PACKING

FOODSAFE WP SERIES OILS are available in ISO VG 15, 20 & 30, and 68 grades in packing of 5 L, 20 L and 210L.

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Please overleaf for technical data. All ingredients are FDA listed. FOODSAFE WP SERIES OILS are NSF H1 Registered and meet the USDA 1998 H1 guidelines. NSF Registration nos; 146361 (WP 15), 147276 (WP30), 153147(WP 68). Registration of other grades pending. These products do not contain any genetically modified ingredients or nut oil derivatives and are processed on facilities conforming to Kosher and Halal requirements.

TECHNICAL DATA

Test Parameters	Test Method	Typical Values			
		WP15	WP20	WP30	WP68
Appearance	Visual	Clear liquid			
Colour	----	Transparent White			
Base Fluid	----	White Oil USDA & NSF Compliant			
Density @ 29.5°C, g/ml	ASTM D4052	0.8280	0.8320	0.8400	0.8569
Kinematic Viscosity @ 40 °C, cSt	ASTM D7042	13 - 17	18 - 22	28 - 35	62 - 74
Flash Point (COC), °C	ASTM D92	186	192	220	242
Pour Point, °C	ASTM D97	-24	-18	-15	-12
Operating temperature	---	-20 to 120°C	-15 to 120°C	-10 to 120°C	-10 to 120°C

Note : Refer the Safety Data Sheet for safety and handling guidelines for this product.