

HYCUT[®] SW Slideway Oil SW 32, 68, and 220 Slideway Oil Based on Synthetic Bio-renewable Oils

Get excellent wear protection and coolant compatibility

HYCUT[®] SW are high performance machine oils based on synthetic ester oils with high lubrication performance. HYCUT[®] SW – product range features excellent lubricating as well as outstanding adhesive power.

HYCUT[®] SW 32, 68, & 220

- Excellent wear protection thanks to high lubricity
- High pressure capacity due to high performance EP-additives
- Outstanding adhesive power on slide ways
- Low VOC
- Self emulsifying, compatible products without tramp oil problem
- Clean parts and machine by excellent flushing action



HYCUT[®] SW family are high performance machine oils based on synthetic ester oils. The product outperforms by its versatility, high material compatibility and ageing resistance. Switching to HYCUT[®] SW and Oemeta's technical support programs will significantly improve your productivity while reducing your costs.

**German GREEN
Product Technology
since 1916**

Technical Product Information **HYCUT®**

HYCUT® - products are water-miscible high-performance neat oils and based on high-quality base oils and cutting-edge high-performance additives. The low-odor and low-emission products are free of zinc, heavy metals or chlorine. This ensures that they are highly compatible with both people and the environment. Multifunction oils are lubricants which fulfill a number of functions at the same time. The individual components of this modular system are designed to be compatible with one another. This permits not only mastery of different materials and different machining processes, but also ensures that the interfaces are carefully attuned to one another, along the complete process and transverse to it

Multifunction oils are self-emulsifying oils, which are used

- free of water as machining oil, forming lubricant, hydraulic oil and slide way oil
- mixed with water as machining emulsion

Multifunction oils solve interface problems between non-aqueous and aqueous systems

HYCUT® SW

APPLICATION AND PROPERTIES:

- Slide way oil
- ISO VG 32, 68, and 220 classifications, exceeding manufactures requirements for slide way oil
- Excellent wear protection thanks to very high lubricating action
- Outstanding adhesive power
- No tramp oil problem when the product is used as slide way oil
- Enhances the physical/microbial stability of the cutting fluid emulsions
- Improves work hygiene and makes machines cleaner
- Not designed for use with machines over 15 years old or with rubber seals, Hycut is made from synthetic oils which can adversely react with old generation seals and paints

Storage Conditions

12 month shelf life when stored at ambient temperature. No health or safety hazards exist when HYCUT® SW 32, 68 and 220 is stored, used and disposed of in accordance with the Material Safety Data Sheet for this product.

PHYSICAL DATA:

	ASTM Test Standard	DIN Test Standard	Hycut SW68	Hycut SW220	Unit
ISO Viscosity Grade		53 018	68	220	
cSt @ 40 C	D445	51 558	68	68	mm ² /s
Flash Point	D92	ISO 2592	301	250	deg C
Pour Point	D97	ISO 3016	-24	-22	deg C
Copper Strip Corrosion	D 130C	51 759	1A	1A	
Rust Protection	D 665B		Pass	Pass	

the technical data in this specification are average values and are not legally binding.

Oemeta Hycut Slide Way oil is approved by MAG (Cincinnati) P-SPEC [P-47]

P-47 Hycut SW 68 MAG Ref#300913 P-50 Hycut SW 220, MAG Ref# 301013

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