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PANOLIN POWERSYNTH S

High-performance industrial hydraulic oil – fully synthetic, zinc-free

PANOLIN POWERSYNTH S:

- High grade zinc-free synthetic hydraulic/industrial oil based on PAO and saturated esters with additives against ageing, corrosion and wear
- Its consistently flat viscosity/temperature characteristic ensures dependable operation over a wide temperature range
- Contains highly effective extreme pressure (EP) anti wear additives that reduce wear in the mixed friction range of hydraulics systems
- Largely prevents deposits and sludge formation by ageing products, thereby saving significant costs thanks to minimal filter changing
- Large reserve capacity
- Greatly extends oil change intervals
- Excellent oxidation stability at high temperatures
- Good water and air separation properties
- Highly compatible with conventional sealing materials
- Extremely economical

New filling/miscibility (Before filling with this product for the first time, please consult our oil change guidelines)

This product is miscible with conventional hydraulic oils, but to ensure full performance, PANOLIN POWERSYNTH S should not be mixed with more than 5% of the previous oil.

Applications (follow manufacturer's instructions)

- For industrial hydraulics systems
- For machine tools and injection moulding machines
- For hydraulic presses
- For hydrostatic drives

Specifications

DIN 51 524 part 2/HLP ¹⁾
DIN 51 524 part 3/HVLP ¹⁾
FZG test A/8.3/90 loading stage 12
ISO 6743-4/L-HV ¹⁾, L-HS

¹⁾ Standard for mineral oil

Approval (valid manufacturer approval for the specific lubricant.)

Rexroth (Bosch Group) RD 90 220

Technical data (mean values, subject to normal tolerances)

PANOLIN POWERSYNTH S	Product No.	Density g/cm ³ 15 °C	Viscosity in mm ² /s 40 °C 100 °C	Flashpoint COC in °C	Pour point in °C	Viscosity index
15	33880	0.818	15.6 3.8	204	– 65	138
46	33910	0.876	45.2 7.5	212	– 55	133
68	33920	0.882	66.7 10.9	212	– 55	155

Safety-relevant notes:

Please refer to the drum label, or for detailed information, to the safety data sheet (available from PANOLIN)