



best solutions - best lubricants



# NEOSYNTH HYDRO S

## Fully Synthetic Hydraulic Oils



### Benefits for your application

- Long service life with synthetic lubrication
- High performance at high temperature
- Prevents the formation of waste and sludge

### Description

They are food approved hydraulic oils reinforced with fully synthetic polyalphaolefin base oil and extra EP additives. In particular, it prevents wear on materials with load carrying capacity and frictional loads.

It is very resistant to oxidation and abrasion and shows excellent performance at high temperatures due to its structure. Miscible with other synthetic and mineral oils.

### Application

It can be mixed with synthetic and mineral oils, but in order to get the best performance, the old oil is drained before applying Neosynth Hydro S, and then new oil is added.

Ambalaj

20 Lt.  
208 Lt.

### Application Notes

Recommended for use in all high-performance, heavy-duty hydraulic systems under a wide range of ambient and operating temperatures, including high-speed, high-pressure vane and gear pumps and axial piston pumps. Excellent compatibility with bronze, steel and silver plated components

### Product Benefits

- Prevents damage to parts in temperature changes
- Excellent anti-wear and anti-aging with low coefficient of friction
- Stable at high temperatures without foaming and carbonization.
- Good resistance to oxidation
- Excellent viscosity index
- High oxidation stability preventing residue and sludge formation
- High protection against friction and wear
- Good demulsifying property
- Non-staining on metals including aluminum and copper alloys
- Very good compatibility with gaskets or seals

### Technical Information

ISO VG DIN 51 519	32	46	68	100	150
Density 15 °C ASTM D-1298	0,84	0,841	0,844	0,849	0,85
Viscosity ASTM D-445 mm <sup>2</sup> /sn	32	46	68	100	150
Viscosity Index ASTM D-2270	150	153	148	149	149
Base Oil	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic
Welding load, 4 ball test, Kg ASTM D-4172	200	200	200	200	200
Pour point, °C ASTM D-97	-54	-54	-54	-50	-50
Flash point, °C ASTM D-92	250	255	260	265	270
Scar diameter, mm ASTM D-4172	0,36	0,34	0,34	0,34	0,32
Demulsification test, 40-37-3 separation time, minutes ASTM D 1401	1a	1a	1a	1a	1a



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