



## TECHNICAL DATA SHEET

# HYDRO HLP SERIES

### PRODUCT DESCRIPTION AND USE

NP HYDRO HLP SERIES lubricant manufactured with quality base oils, having high stability and containing additives which prevent abrasion, oxidation and rust. Recommended for all industrial and movable hydraulic systems. Special industrial applications consist of construction equipment, pressing machines, movable structure elements, plastic injection and rolling machines, air compressors.

### FEATURES AND BENEFITS

- ✓ Keeps the system clean since it has high dispersing capability.
- ✓ Prevents abrasion, rust and corrosion.
- ✓ Highly oxidation resistant and has excellent water separability.
- ✓ Doesn't foam since it contains anti-foam additive and prevents cavitation.
- ✓ Manufactured with a pollution level of NAS-7-8 as per NAS 1638 thanks to special filtration systems used.

### APPROVALS AND SPECIFICATIONS TO MEET

DIN 51524 Part 2-HLP, AFNOR NFE 48 603, US-STEEL 127, 136, Cincinnati Milacron P-68, P-69, P-70, Denison HF-0, HF-1, HF-2, Vickers M2950-S

### TYPICAL PROPERTIES

TEST	UNIT	METHOD	32	37	46	68	100	150
Density ,@ 15 °C	g/cm <sup>3</sup>	ASTM D4052	0,872	0,875	0,879	0,885	0,890	0,895
K. Viscosity,@ 40 °C	cSt	ASTM D 445	28,8-35,2	33,3-40,7	41,4-50,6	61,2-74,8	90-110	135-165
Viscosity Index		ASTM D 2270	95	95	92	92	91	90
Flash Point	°C	ASTM D 92	205	210	215	220	225	230
Pour Point	°C	ASTM D 97	-27	-25	-25	-25	-21	-20

The above values may vary slightly according to production.

### HEALTH, SAFETY AND ENVIRONMENTAL RECOMMENDATIONS

Should not make contact with the skin, should not be swallowed and vapors should not be inhaled. In case of contact with the skin or eyes, wash with plenty of water and seek medical attention if necessary. When swallowed, victim should not be vomiting and immediate medical attention should be sought. When the vapors are inhaled, breathe heavily in fresh air and, if necessary, seek medical attention. Used oils should not be disposed to garbage and sewage and should be collected by licensed waste oil collectors. It should not be mixed with any petroleum products or chemicals. It should not be burned in furnaces and boilers. Should be kept away from children. Empty containers should not be thrown to the garbage or left in the environment and should be delivered to licensed recycling companies. For more information, please refer to the 'Material Safety Data Sheet'

### STORAGE CONDITIONS

Packaging should not be exposed to extended periods of direct sunlight. Packaging should not be in contact with water. Oils should not come into contact with dust and should be kept away from dusty environments. Ambient temperature should not exceed 40 ° C. The user is solely responsible for using the product according to its purpose and for complying with the laws and regulations in effect. Nil Petrol San. ve Tic. A.Ş. may not be held responsible for damages and loss due to the use of the product outside its normal or intended uses or due to inherent dangers of the product and its consequences.

### TYPES OF PACKING

16L, 20L, 200 L, 1000L