

## PRODUCT DESCRIPTION

**Nomad Hydrus HLPD – high detergent HLPD/EP general lubricating and hydraulic oil with excellent corrosion protection.**

Nomad Hydrus HLPD series are hydraulic fluids according to DIN 51 502 with outstanding corrosion protection, powerful cleaning and sludge transportation properties. Contain zinc as well as being detergent and dispersant. Used in a number of hydraulic systems as problem solvers, especially when standard oils cannot fulfil all the requirements.

## APPLICATION

Every industrial lubricant recommendation should be done after an expert consultation on the application in question. Only then the best lubricant can be selected. Nomad hydraulic oils series “Hydrus” are fitted to all your industrial applications.

Nomad Hydrus HLPD 10: For machine tool spindles and bobbin bearings in the textile industry. Nomad Hydrus HLPD 22, 32, 68: Heavy-duty hydraulic oils with good corrosion protection up to continuous temperatures of 100 °C, for smaller gearboxes, especially when fitted with electromagnetic clutches. Nomad Hydrus HLPD 100: For larger gearboxes.

## PERFORMANCE LEVELS

Meets and exceeds:

Fulfil and surpass the minimum demands on HLPD hydraulic oils according to DIN 51 524-2. ISO 6743/4-HM with high DD performance.

## TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	NOMAD HYDRUS HLP					
Product Name	-	-	22	32	46	68	100	150
Density @ 15 °C	ASTM D1298	kg/m <sup>3</sup>	868	875	877	881	883	889
Flash point Cleveland	ASTM D92	°C	165	210	220	225	248	250
Kinematic viscosity @ 40 °C	ASTM D445	mm <sup>2</sup> /s	22	32	46	68	100	150
Kinematic viscosity @ 100 °C	ASTM D445	mm <sup>2</sup> /s	4,3	5,4	6,9	8,9	11,4	14,8
Viscosity Index	ASTM D2270	-	105	102	105	105	100	98
Pour point	ASTM D97	°C	-30	-30	-27	-24	-18	-18

The values shown above are typical values at the date of publication. Nomad Lubricants reserves the right to change these typical values without prior notice

## HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website [www.nomad-lubricants.com](http://www.nomad-lubricants.com)