



Product Description

DaTo Hydro Hydraulic Oil are excellent quality anti – wear hydraulic oil developed for use in a wide variety of industrial and mobile hydraulic system applications. It is formulated to provide excellent wear protection for hydraulic pumps and motors and protect the hydraulic system components against wear and corrosion. And they are blended from highly refined base stocks and specially selected base stocks to provide superior oxidation stability,excellent demulsibility and very high load carrying ability.

Benefits

DaTo Hydro provides the following benefits when used as recommended:

- Good foam resistance.
- Provides excellent wear protection for hydraulic pumps and motors
- Excellent oxidation resistance and thermal stability.
- Protects against rust and corrosion.
- Excellent filterability.
- Good load carrying capacity.
- High level of withstanding capability under extreme pressure.

Application

DaTo Hydro is recommended for use in hydraulic systems on industrial, mobile, marine equipment, automated machine tools, elevators, presses and floor jacks, marine cargo winches and steering systems, mobile construction equipment, service station lifts and air tools, pneumatic equipment lubricated through airline lubricators.

Also, it is recommended for use in medium loaded enclosed industrial gear boxes that do not require an EP additive.

Properties

DaTo Hydro has excellent oxidation resistance and thermal stability at high temperatures to minimize deposit formation and provide long service life. It has excellent water – separating properties to minimize the formation of emulsion, and is resistant to excessive foam build up that can cause poor hydraulic system response.

Typical Characteristics

DaTo Hydro	46	68	Credentials & Specifications
ISO Grade	46	68	Bosch Rexroth RE 90220
Specific Gravity @ 15°C	0.865	0.8845	Cincinnati Machine P68, P69, P70
Flash Point, °C	220	225	DIN 51524 Part 2 & 3
Pour Point, °C	- 27	- 27	German Steel Industry SEB 181222
Viscosity at 40°C , cSt	46	68	Dension Hydraulic HF-0 , HF-1, HF-2
Viscosity at 100°C , cSt	6.74	8.75	USS 127
Total Acid No	0.40	0.40	Vickers (Eaton) M – 2950 – S, I – 286 - S
Viscosity Index	98	99	ISO 11158:1997
			AFNOR NFE – 48 - 603

Typical physical characteristics of DaTo Lubricants are given in the table. These are intended as a guide to the industry and are not necessarily manufacturing or marketing specifications.

Healthy and Safety

Detailed health and safety information for this product is provided in a Material Safety Sheet which is available upon request from your DaTo Lubricants sales Office, or via the internet on www.datolube.com