

# HYDRAULIC

## *Lubricant for hydraulic applications*

Hydraulic fluids with good wear, anti-rust, antioxidant and antifoam properties; Are particularly suitable for use in industrial hydraulic systems and in hydraulic lifting systems for trucks, earthmoving machinery, agricultural machinery.

### Applications & Benefits

#### - Advanced Protection

Great anti-wear protection against those metal-like phenomena, making it usable in a wide range of operating conditions. It also contains additives that perform anti-corrosive and anti-rust function.

#### - Thermal-oxidative resistance

Good thermal-oxidation resistance that prevents and prevents the formation of burrs, which results in an extension of the lubricant change replacement time, which means a reduction in maintenance costs.

#### - Demulsivity

Demulsive capacity such as to avoid the formation of stable oil mixtures with the water that may be accidentally present in the hydraulic circuits.

#### - Foaming

Easy release of absorbed air and limited foaming, thus avoiding the inappropriate operation of the power transmission device.

### Specifications & Approvals

- Exceeds the specifications listed below:  
DIN 51524-Part2 (Classe HLP)



Remember to always check the usage and maintenance manual for the correct choice.

HYDRAULIC hydraulic fluids are compatible with all mineral based lubricants, however, hydraulic fluids should never be mixed with others (biodegradable, flame retardant, etc.).

\* For further information please contact the Technical Service.

## Chemical-Physical Characteristics

Test	Method	HYDRAULIC						
		15	22	32	46	68	100	150
<b>ISO Grade</b>	-	15	22	32	46	68	100	150
Density @ 15°C, Kg/dm <sup>3</sup>	ASTM D 4052	0.855	0.855	0.865	0.870	0.875	0.885	0.885
Viscosity								
cSt @ 40°C	ASTM D 445	15.0	22.0	32.0	46.0	68.0	100.0	150.0
cSt @ 100°C		3.5	4.4	5.5	6.8	8.8	11.5	15.0
Viscosity Index	ASTM D 2270	110	108	108	105	105	100	100
Copper Strip Test – 3h @ 100°C	ASTM D 130	1B	1B	1B	1B	1B	1B	1B
Rust-Preventing	ASTM D 665A	Supera	Supera	Supera	Supera	Supera	Supera	Supera
Pour Point, °C	ASTM D 97	-27	-27	-27	-27	-27	-24	-21
Flash point, °C	ASTM D 93	220	220	222	226	235	230	230
FZG / exceed stage	DIN 51354	-	-	10	10	10	10	10

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

## Storage, Health & Environment

### - Storage & Health

It is recommended to store the HYDRAULIC Lubricant under cover. If storage is carried out outdoors, it is recommended to position the drums, preferably under a roof, in a horizontal position and, if kept upright, cover them with a lid to prevent water infiltration. It is advisable not to store the packs at temperatures above 60 ° C or directly to the sun as it is good to keep them in places not subject to freezing.

HYDRAULIC has no health effects when properly used, applying the standard personal hygiene standards.

### - Environment

Do not discharge the new and / or exhausted lubricant into the sewage system, soil or watercourses. Exhausted lubricant must be delivered to an authorized collection point.

## Additional information

### - Safety Data Sheet

It is provided aside and must be considered for its information or can be easily downloaded from [www.rilub.it](http://www.rilub.it)

Contact your technical service for more information:



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