

MANNOL Hydro ISO 46 Longlife
2102

All-season mineral hydraulic oil created for hydraulic devices of stationary and mobile equipment operating in standard and high operating temperatures. It was developed taking into account the requirements for industrial hydraulic systems operating in the conditions of high loads, pressures, temperatures and/or velocities.

Product properties:
- It contains antiwear, anti-oxidising, anticorrosion and antifoaming additives.
- It has good antiwear properties that minimise the wear of the parts related to hydraulic pumps thus ensuring their long service life;
- Modern cleaning-dispersing additives ensure an ideal cleanliness of hydraulic system parts thus also protecting precision pairs from wear and extend the equipment life;
- A high thermo-oxidative and thermal stability reduce the formation of all types of deposits and corrosive substances that increase the reliability of subsystems' operability (valves, hydraulic directional valves, etc.) and simultaneously distinguishes itself by an excellent filtering ability;
- Due to good anticorrosion properties, it protects surfaces of all used metals and alloys against a corrosive impact of acids and water that significantly reduce the maintenance and repairs costs;
- It is characterised by excellent demulsifying properties, a low freezing temperature and a long service life;
- The resistance to foam formation enhances the efficiency of hydraulic pumps;
- It is neutral in regards to all sealing materials and paint-and-lacquer coatings compatible with mineral oils. It prevents leakages thus reducing buying costs.

It is recommended to be used as a power fluid for industrial hydraulic systems:
- Stationary equipment (pressing machines, elevators, moulding machines, robots, industrial machines, forming machines, etc.);
- Mobile equipment (construction, highway, mining, tree harvesting, various municipal and special equipment, etc.);
- The following types: DENISON, EATON VICKERS, GEROTOR, GRESEN, HPM, HYDRECO, WORTHINGTON, etc.
- Where there are syringe, geared, impeller, axial piston pumps in compliance with manufacturer's requirements;
- When the oil standards DIN 51524 Part 2 (HLP) or ISO 11158 (HM) are required to be used.

In order to properly use it, thoroughly read the user's manual of the equipment!

Specifications
ISO Viscosity Grade 46
DIN 51524-2 (HLP)
ISO 11158 (HM)
ASTM D6158
Recommendation
AFNOR FRANCE NF E 48-603
CONESTOGA ISO 20763
EATON I-286-S
MAG CINCINNATI P-70
PARKER DENISON HF-0
PARKER DENISON HF-1
PARKER DENISON HF-2
PARKER DENISON Filterability TP 02100
SPERRY VICKERS I-286-S
US STEEL 126
US STEEL 127
GB 111118.1
SEB 181222

PACKAGING

60L	MN2102-60	Drum	
1000L	MN2102-IBC	Pallet tank	
208L	MN2102	Drum	
20L	MN2102-20	Plastic	
10L	MN2102-10	Plastic	
5L	MN2102-5	Plastic	