

MANNOL Hydro HV ISO 32 Arctic
2212

2212 MANNOL Hydro HV ISO 32 Arctic is an all-season synthetic-based hydraulic oil with an ultra-high viscosity index (not less than 245), designed for hydraulic equipment of mobile and stationary machinery operating at extreme operating temperatures. Developed to meet the requirements for industrial hydraulic systems operating under extreme loads, pressures, temperatures and/or speeds and, especially, under conditions of extremely variable temperatures.

Properties:
- Contains anti-wear, anti-oxidation, anti-corrosion and anti-foam additives and a viscosity modifier.
- Has an ultra-stable viscosity in the widest possible range of operating temperatures, in which it ensures the operability of hydraulic equipment with maximum performance for a long period of time;
- Has excellent anti-wear properties minimising wear of paired parts of hydraulic pumps, hydraulic valves and hydraulic cylinders, which ensures their long service life and reduces the cost of spare parts;
- Modern detergent-dispersing additives ensure perfect cleanliness of hydraulic system components, which also protects precision couples from wear, extends equipment life and increases its efficiency;
- The highest thermal oxidation and thermal stability, resistance to mechanical and chemical influences, including oxidation, reduce the formation of all kinds of deposits and aggressive substances, which increases the operational reliability of system components (valves, way valves, etc.), and is characterised by excellent filterability;
- Thanks to its excellent anti-corrosion properties, it protects the surfaces of all used metals and alloys from the aggressive effects of acids, oxidation products and water, which significantly reduces maintenance and repair costs;
- Has excellent demulsifying properties, a low pour point, good flowability at low temperatures and a long service life;
- Resistance to foaming and aeration improves hydraulic pump performance;
- Neutral to all sealing materials and paintwork compatible with mineral oils. Prevents leaks, which reduces procurement costs.

Recommended for use as a working fluid of industrial hydraulic systems:
- Mobile equipment (construction, road, mining, logging, various municipal and special machinery, etc.) operating in conditions of extreme and rapidly changing temperatures;
- Stationary equipment (pressing machines, lifts, moulding machines, robots, machine tools, forming machines, etc.) operating outdoors;
- Hydraulic control and hydraulic regulation;
- Of the following types: DENISON, EATON VICKERS, GEROTOR, GRESEN, HPM, HYDRECO, WORTHINGTON, etc.
- Where there are gearboxes, gearing systems, pneumatic units;
- Where piston, gear, vane, axial piston pumps are installed in accordance with

the manufacturer’s requirements;
- Where oil conforming to DIN 51524 part 3 (HVLP) or ISO 11158 (HV) is required.

For correct use, read the operating instructions of the equipment carefully!

Specifications
ISO Viscosity Grade 32
DIN 51524-3
ISO 11158 (HV)
Recommendation
AFNOR FRANCE NF E 48-603
CONESTOGA ISO 20763
SPERRY VICKERS I-286-S
EATON I-286-S
US STEEL 126
US STEEL 127
MAG CINCINNATI P-68
MAG CINCINNATI P-69
MAG CINCINNATI P-70
PARKER DENISON HF-0
PARKER DENISON HF-1
PARKER DENISON HF-2
PARKER DENISON Filterability TP 02100

PACKAGING

	MN2212-20		
	MN2212-60		