MN Hydro HV 32 VI 245

2209

All-season synthetic-based hydraulic oil with an extra-high viscosity index (no less than 245) created for hydraulic devices of the mobile and stationary equipment operating at most extreme possible operating temperatures. It was developed taking into account the requirements for industrial hydraulic systems operating in the conditions of extreme loads, pressures, temperatures and/or velocities and especially in the conditions of extremely varying temperatures.

Product properties:
- It contains antiwear, anti-oxidising, anticorrosion and antifoam additives and a viscosity modifier;
- It has an extra-stable viscosity in a maximally wide range of operating temperatures in which it ensures the operability of the hydraulic equipment with a maximum productivity during a long period;
- It has excellent antiwear properties that minimise wear of the parts related to hydraulic pumps, hydraulic directional valves and hydrocylinders thus ensuring their long service life and reducing the costs for spare parts;
- Modern cleaning-dispersing additives ensure an ideal cleanliness of the hydraulic system parts thus also protecting precision pairs from wear, extending the equipment life and increasing its efficiency;
- The highest thermo-oxidative and thermal stability, resistance to mechanical and chemical impact, including oxidation, reduce the formation of all types of deposits and corrosive substances that increase the reliability of the subsystems' operability (valves, hydraulic directional valves, etc.) and simultaneously distinguishes itself by an excellent filtering ability;
- Due to excellent anticorrosion properties, it protects surfaces of all used metals and alloys against a corrosive impact of acids, oxidation products and water that significantly reduce the maintenance and repairs costs;
- It is characterised by excellent demulsifying properties, a low freezing temperature, good fluidity at low temperatures and a long service life;
- The resistance to foam formation and aeration enhance 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:
- Mobile equipment (construction, highway, mining, tree harvesting, various municipal and special equipment, etc.) operating in extremely and rapidly varying temperatures;
- Stationary equipment (pressing machines, elevators, moulding machines, robots, industrial machines, forming machines, etc.) operating outdoors;
- Hydraulic controls and water regulation;
- The following types: DENISON, EATON VICKERS, GEROTOR, GRESEN, HPM, CESSNA, HYDRECO, WORTHINGTON, etc.
- Where there are gearboxes, gear couplings, pneumatic devices;

- Where there are syringe, geared, impeller, axial piston pumps in compliance with manufacturer's requirements;
- When the oil standards DIN 51524 Part 3 (HVLP) or ISO 11158 (HV) are required to be used.

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

Specifications
SAE MS 1004
SAE MS 1004
ISO Viscosity Grade 22
ISO Viscosity Grade 22
Viscosity Index 150
Viscosity Index 150
DIN 51524-2
DIN 51524-2
DIN 51524-3
DIN 51524-3
ISO 11158
ISO 11158
Recommendation
ASTM USA D6158
ASTM USA D6158
ANSI AGMA 9005-E02-RO
ANSI AGMA 9005-E02-RO
AIST 126
AIST 126
AIST 127
AIST 127
JCMAS P041 HK Hydraulic specification
JCMAS P041 HK Hydraulic specification
GERMAN STEEL INDUSTRY SEB 181222
GERMAN STEEL INDUSTRY SEB 181222
BOSCH REXROTH RE 90220
BOSCH REXROTH RE 90220
EATON M-2950-S
EATON M-2950-S
EATON I-286-S3
EATON I-286-S3
GM LS2
GM LS2
MAG CINCINNATI P-68
MAG CINCINNATI P-68
MAG CINCINNATI P-69
MAG CINCINNATI P-69
MAG CINCINNATI P-70
MAG CINCINNATI P-70
PARKER DENISON HF-0
PARKER DENISON HF-0
PARKER DENISON HF-1
PARKER DENISON HF-1
PARKER DENISON HF-2
PARKER DENISON HF-2
SPERRY VICKERS M-2950-S
SPERRY VICKERS M-2950-S
SPERRY VICKERS I-286-S3
SPERRY VICKERS I-286-S3

PACKAGING

208L	MN2209-DR	Drum	