

NATIONAL Hydraulic Oil AW 10W

NATIONAL Hydraulic Oil AW 10W is an advanced hydraulic oil designed for modern hydraulic machinery to ensure consistent performance across a wide range of operating conditions. It meets the latest hydraulic equipment demand and satisfies relevant market requirements.

Benefits

- Balanced anti-wear chemistry reduces wear protecting components and increasing equipment life.
- Exceptional oxidation stability helps extend oil drain intervals.
- In-built rust & corrosion inhibitors offer protection to spools, valves, and other critical internal components.
- Hydrolytic stability, foam inhibition, and air release boost system efficiency.

Meets/Exceeds

- DIN 51524 Part 2 (HLP)
- Denison HF-0, HF-1, HF-2
- Cincinnati Machine P-68, P-70, P-69
- AFNOR NF E 48-603 HM
- ISO 11158 HM
- ASTM D6158 Type HM
- Eaton Brochure 694 for 35VQ25A (formerly M-2950-S and I-286-S)
- GM LS2

Applications

- Stationary and mobile hydraulic equipment operating in severe conditions.
- Industrial hydraulic equipment in agriculture, construction, road building, mining, and other sectors.
- As a circulation oil for moderately loaded gears and bearings.
- Hydraulic applications in industrial machinery such as lathes, milling machines etc.

Product Characteristics

Properties	Test Method	Unit	10W
Density @ 15 °C	ASTM D4052	kg/L	0.8763
Kinematic Viscosity at 40 °C	ASTM D445	cSt	32.87
Viscosity Index	ASTM D2270	-	106
Flash Point, COC	ASTM D92	°C	224
Pour Point	ASTM D97	°C	-24
Total Acid Number	ASTM D974	mg KOH/g	0.43
<i>Product Code</i>			<i>501042</i>

- Information, test methods, figures are typical and conform to specification; minor variation may occur.
- Refer Owner's Manual for the manufacturer's recommended performance level, viscosity grade and builder approval requirements.
- Please refer to the product Safety Data Sheet (SDS) for health, safety, and handling information.

