INDUSTRIAL OIL

Hydrow AW 100/150/220

Anti-wear hydraulics

ISO VG 100 / 150 / 220 | Anti-wear (AW) hydraulic oil

PRODUCT DESCRIPTION

Hydrow AW is an anti-wear hydraulic oil available in ISO viscosity grades 100, 150 and 220. Anti-wear (AW) hydraulic oils carry additives that protect pump and valve surfaces under the high pressures found in hydraulic systems. Grade selection depends on your system's operating temperature and pump type — check the equipment manufacturer's requirement. Supplied in 20, 50 and 210 litre packs.

APPLICATIONS

- Hydraulic Power Packs
- Industrial Presses
- Vane & Piston Pumps

SPECIFICATIONS

- ISO VG 100 / 150 / 220
- Anti-wear (AW) hydraulic oil

PACK SIZES

20L | 50L | 210L

FEATURES & BENEFITS

- Zinc-based anti-wear additives protect vane, gear and piston pumps under high pressure.
- Oxidation stability for long oil life in hot-running power packs.
- Good demulsibility — separates quickly from water for easy draining.
- Anti-foam and rust protection for the whole hydraulic circuit.

TYPICAL PROPERTIES

Property	Test Method	Unit	Typical Value
ISO Viscosity Grade	ISO 3448	—	100 / 150 / 220
Density @ 15 °C	ASTM D4052	g/cm³	0.885 / 0.889 / 0.893
Kinematic Viscosity @ 40 °C	ASTM D445	cSt	100 / 150 / 220
Kinematic Viscosity @ 100 °C	ASTM D445	cSt	11.1 / 14.5 / 18.7
Viscosity Index	ASTM D2270	—	≥ 95
Flash Point (COC)	ASTM D92	°C	230 / 240 / 250
Pour Point	ASTM D97	°C	−12 / −9 / −9
Copper Strip Corrosion (3 h @ 100 °C)	ASTM D130	Rating	1a

RECOMMENDATIONS

- Select the ISO grade specified by the equipment manufacturer for your operating temperature and pump type.
- Keep the system clean: filter new oil on filling and change filters at the recommended interval.
- Drain water from the reservoir regularly.

HEALTH, SAFETY & STORAGE

Store sealed in a cool, dry, covered place away from sunlight and ignition sources. Avoid prolonged skin contact. Dispose of used product and containers only through an authorised collector — never into drains or soil. See the MSDS for full health and safety information.

The typical values above are obtained under normal production conditions and do not constitute a specification. Minor variations that do not affect product performance are to be expected. Motoforce Lubricants reserves the right to modify products and this information without notice. For the latest version, visit motoforcelub.com or contact us.