

PRODUCT DATA SHEET

**HIPOWER AWS-32/46/68/100/150/220**  
(Hydraulic oil Series)

Lubrall's HIPOWER AWS Grade Hydraulic oil is a high-quality hydraulic fluid designed to meet the demanding requirements of industrial hydraulic systems. This oil is formulated with premium base oils and advanced additives to provide outstanding performance and protection for hydraulic equipment.

**Advantages.**

It offers excellent oxidation resistance, which helps extend oil life and reduce maintenance costs. This hydraulic oil also provides excellent anti-wear protection, which helps extend the life of hydraulic pumps, motors, and other components. Its advanced formula helps minimize wear and prevent the formation of deposits, ensuring smooth and reliable operation of hydraulic systems. In addition, HIPOWER AWS Grade Hydraulic oil has good thermal stability, which helps maintain consistent viscosity and performance even under high temperatures. This stability helps prevent overheating and ensures reliable operation in a variety of operating conditions. Overall, Lubrall's HIPOWER AWS Grade Hydraulic oil is a high-performance hydraulic fluid that provides excellent protection and performance for hydraulic systems, helping to extend equipment life and reduce maintenance costs.

**Specification:**

Product	API Grade	Viscosity @40° C	POUR POINT ° C	Sp. Gravity	VI	Flash Point <sup>0</sup> C	Copper corrosion
HIPOWER-AWS-32	32	29-34	0 MAX	0.840-0.880	90 MIN	190 MIN	1A
HIPOWER-AWS-46	46	44-49	0 MAX	0.845- 0.885	90 MIN	190 MIN	1A
HIPOWER-AWS-68	68	64-72	0 MAX	0.845-0.890	90 MIN	200 MIN	1A
HIPOWER-AWS-100	100	94-105	0 MAX	0.860-0.895	90 MIN	200 MIN	1A
HIPOWER-AWS-150	150	143-160	0 MAX	0.860-0.895	90 MIN	210 MIN	1A
HIPOWER-AWS-220	220		0 MAX	0.860-0.890	90 MIN	210 MIN	1A

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**Applications :** Lubrall's HiPower AWS hydraulic oil is a high-performance product with various applications across industries. Some common applications include:

- 1) **Hydraulic Systems:** Suitable for use in hydraulic systems of industrial equipment such as presses, machine tools, plastic injection molding machines, and more.
  - 2) **Mobile Equipment:** Ideal for use in hydraulic systems of mobile equipment like excavators, cranes, bulldozers, and forklifts.
  - 3) **Agricultural Machinery:** Used in the hydraulic systems of tractors, harvesters, and other agricultural machinery to ensure smooth operation.
  - 4) **Construction Machinery:** Applied in the hydraulic systems of construction machinery such as loaders, backhoes, and pavers.
  - 5) **Mining Equipment:** Utilized in the hydraulic systems of mining equipment like drills, excavators, and haul trucks, where heavy-duty performance is required. **Marine Applications:** Used in hydraulic systems of marine equipment and vessels, providing corrosion protection and high-performance lubrication.
  - 6) **Power Generation:** Applied in hydraulic systems of power generation equipment, including turbines and generators.
  - 7) **Industrial Machinery:** Used in various industrial applications where hydraulic systems are employed, ensuring reliable performance and protection against wear and corrosion.
- Overall, Lubrall's HiPower AWS hydraulic oil is designed to provide excellent protection, performance, and longevity in a wide range of hydraulic applications, making it a versatile choice for many industries.

**Packing:** - 210 Liter drum.

NON-WARRANTY: The information in this bulletin is based on our experience and tests which we believe to be reliable, but offer no guarantee and accept no responsibility for operations not under our direct control.

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