

Stens 770-726

Stens Hydraulic Fluid AW46 Instruction Manual

Model: 770-726 | Brand: Stens

1. PRODUCT OVERVIEW

Stens Hydraulic Fluid AW46 is an anti-wear hydraulic fluid designed for optimal performance in industrial, construction, and agricultural equipment. This fluid is formulated to protect hydraulic components from wear, rust, and corrosion, and to resist chemical breakdown and foaming during heavy use. It also features superior water separation properties for easier water removal from the system.



Image 1.1: Front view of the Stens Hydraulic Fluid AW46 1-gallon bottle, highlighting its anti-wear properties and suitability for industrial, construction, and agricultural equipment.

2. SAFETY INFORMATION

Always prioritize safety when handling hydraulic fluids. Read and understand all safety data sheets (SDS) before use. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 Warning).

- **Personal Protective Equipment:** Wear appropriate personal protective equipment (PPE), including safety glasses and chemical-resistant gloves, to prevent skin and eye contact.
- **Ventilation:** Use in a well-ventilated area to avoid inhaling vapors.
- **Skin Contact:** In case of skin contact, wash thoroughly with soap and water. Seek medical attention if irritation persists.
- **Eye Contact:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Seek immediate

medical attention.

- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Flammability:** Keep away from open flames, sparks, and hot surfaces.
- **Storage:** Store in a cool, dry place, away from direct sunlight and incompatible materials. Keep container tightly closed when not in use.
- **Disposal:** Dispose of used fluid and containers according to local, state, and federal regulations. Do not pour into drains or dispose of with household waste.

3. PRODUCT FEATURES

This hydraulic fluid offers several key benefits for your equipment:

- **Anti-Wear Formulation:** Designed to maximize application performance and extend component life.
- **Corrosion Protection:** Effectively prevents wear, rust, and corrosion of hydraulic components.
- **Chemical Stability:** Formulated to resist chemical breakdown, foaming, and wear under heavy operating conditions.
- **Oxidation Resistance:** High resistance to oxidation helps eliminate deposit formation and improves oil life.
- **Water Separation:** Superior water separation properties facilitate easier removal of water from the hydraulic system.

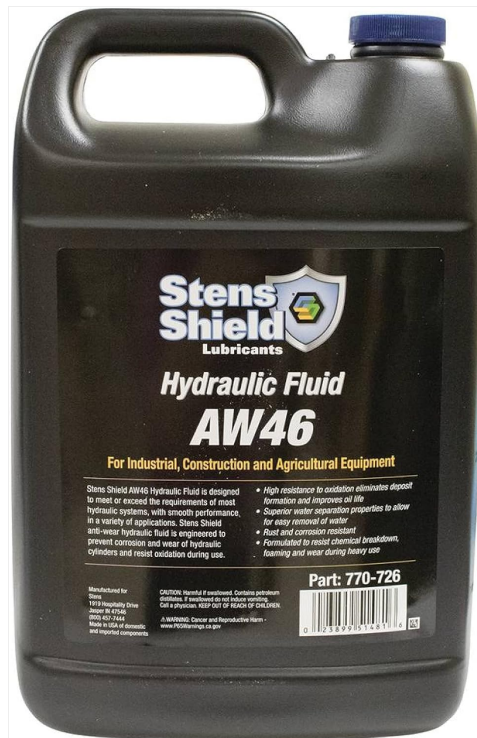


Image 3.1: Back view of the Stens Hydraulic Fluid AW46 bottle, displaying key features and manufacturing details, including the part number 770-726.

4. SETUP AND PREPARATION

1. **Consult Equipment Manual:** Before adding or replacing hydraulic fluid, always refer to your equipment's owner's manual for specific fluid type recommendations, capacity, and procedures. Ensure AW46 viscosity is compatible.
2. **Gather Tools:** Prepare necessary tools such as funnels, drain pans, wrenches, and cleaning supplies.
3. **Ensure Cleanliness:** Work in a clean environment to prevent contaminants from entering the hydraulic system. Clean the area around the fill cap and drain plug before opening.
4. **Safety Precautions:** Wear appropriate PPE as outlined in the Safety Information section.

5. OPERATING INSTRUCTIONS (FLUID REPLACEMENT/ADDITION)

Follow these general steps for adding or replacing hydraulic fluid. Always refer to your specific equipment's service manual for detailed instructions.

- 1. Park Equipment Safely:** Position the equipment on a level surface, engage the parking brake, and turn off the engine. Allow the system to cool down.
- 2. Locate Fill and Drain Points:** Identify the hydraulic fluid reservoir fill cap and drain plug.
- 3. Drain Old Fluid (for replacement):** Place a suitable drain pan under the drain plug. Carefully remove the drain plug and allow all old fluid to drain completely. Reinstall the drain plug securely.
- 4. Fill with New Fluid:** Using a clean funnel, slowly pour Stens Hydraulic Fluid AW46 into the reservoir until it reaches the recommended level indicated on the dipstick or sight glass. Do not overfill.
- 5. Bleed Air (if necessary):** Some hydraulic systems require bleeding air after fluid replacement. Consult your equipment manual for this procedure.
- 6. Check for Leaks:** Start the equipment and operate the hydraulic functions slowly. Check for any leaks around the fill cap, drain plug, and hydraulic lines.
- 7. Verify Fluid Level:** After operating the system for a short period, recheck the fluid level and top off if necessary.

6. MAINTENANCE

Regular maintenance of your hydraulic system is crucial for longevity and performance.

- Fluid Level Checks:** Regularly check the hydraulic fluid level according to your equipment's maintenance schedule. Maintain the fluid level between the minimum and maximum marks.
- Fluid Condition:** Periodically inspect the fluid for signs of contamination (e.g., milky appearance indicating water, dark color indicating degradation, presence of particles).
- Filter Replacement:** Replace hydraulic filters at recommended intervals to ensure clean fluid circulation.
- Fluid Replacement Intervals:** Adhere to the fluid replacement schedule specified in your equipment's owner's manual. Stens Hydraulic Fluid AW46 is designed for extended life, but specific equipment requirements vary.

7. TROUBLESHOOTING

While hydraulic fluid itself does not typically "troubleshoot," issues related to its condition or application can arise.

- Reduced Hydraulic Performance:** If hydraulic functions are slow or weak, check the fluid level. Contaminated or degraded fluid can also cause this; consider a fluid change and filter replacement.
- Fluid Leaks:** Inspect all hydraulic lines, hoses, and seals for leaks. Address any leaks immediately to prevent fluid loss and system damage.
- Foaming:** Excessive foaming can indicate air in the system or fluid contamination. Ensure proper fill levels and check for air leaks.
- Unusual Noises:** Grinding or whining noises from the hydraulic pump can indicate low fluid levels or cavitation due to air in the system.

For complex issues, consult a qualified service technician or your equipment's service manual.

8. SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Brand	Stens
Model Number	770-726
Liquid Volume	1 Gallon (3.79 Liters)
Viscosity	AW46
Item Form	Oil
Recommended Uses	Hydraulic systems in industrial, construction, and agricultural equipment
Package Information	Bottle
UPC	023899495870
ASIN	B07G7HHNWY
Product Dimensions	14.8 x 10.7 x 8.3 inches (Dimensions for a case of multiple bottles)
Item Weight	0.01 Ounces (Note: This value appears to be an error in source data. A 1-gallon liquid typically weighs approximately 7.5-8 lbs.)

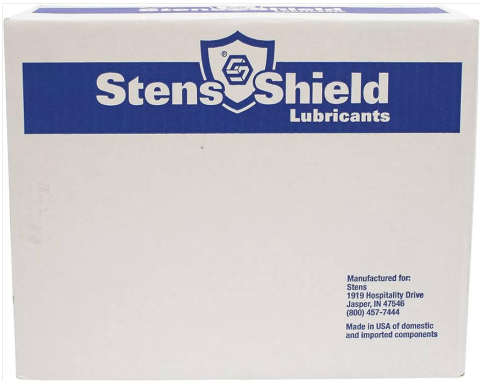


Image 8.1: Packaging box for Stens Shield Lubricants, typically containing multiple units of the hydraulic fluid.

9. STORAGE AND DISPOSAL

- **Storage:** Store Stens Hydraulic Fluid AW46 in its original, tightly sealed container in a cool, dry, well-ventilated area, away from incompatible materials, food, and drink. Protect from freezing and direct sunlight.
- **Disposal of Used Fluid:** Used hydraulic fluid must be disposed of responsibly. Do not discharge into sewers, soil, or watercourses. Contact your local waste management authority or a licensed recycling facility for proper disposal methods. Many automotive service centers and recycling facilities accept used oil.
- **Container Disposal:** Empty containers should be recycled or disposed of in accordance with local regulations. Do not reuse empty containers.

10. WARRANTY AND SUPPORT

For specific warranty information regarding Stens Hydraulic Fluid AW46, please refer to the product packaging or contact Stens directly. Stens products are generally backed by a commitment to quality.

For technical support, product inquiries, or assistance, please visit the official Stens website or contact their customer service department. Contact information can typically be found on the product label or the manufacturer's website.

Manufacturer: Stens

Website: [Visit the Stens Store on Amazon](#)

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