

BraunAbility 406416KS

BraunAbility 406416KS Hydraulic Fluid for Wheelchair Lifts

Model: 406416KS

1. PRODUCT OVERVIEW

The BraunAbility 406416KS Hydraulic Fluid is a high-quality lubricant specifically formulated for the hydraulic systems of Braun wheelchair lifts. This fluid is crucial for ensuring the smooth, efficient, and reliable operation of your lift, contributing to its optimal performance and extended service life.

Key features include:

- **High-Quality Lubrication:** Ensures smooth operation of hydraulic cylinders.
- **Optimal Performance:** Maintains the efficiency and longevity of Braun lifts.
- **Easy Replacement:** Simple to replace when the fluid becomes unclear.
- **Universal Compatibility:** Works with all Braun hydraulic lift models.



Figure 1: BraunAbility 406416KS Hydraulic Fluid bottle. This image displays a white plastic bottle of BraunAbility 406416KS Hydraulic Fluid, clearly labeled for use with Braun Wheelchair Lifts. The label also provides manufacturer contact information and website details.

2. IMPORTANT SAFETY INFORMATION

Always prioritize safety when handling hydraulic fluid and performing maintenance on your wheelchair lift. Failure to follow safety precautions can result in injury or equipment damage.

- **Read Manuals:** Always consult your specific wheelchair lift's owner's manual for detailed instructions and safety warnings before performing any maintenance.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including safety glasses and gloves, to prevent skin and eye contact with hydraulic fluid.
- **Ventilation:** Ensure adequate ventilation when working with hydraulic fluid.
- **Flammability:** Hydraulic fluid may be flammable. Keep away from open flames, sparks, and heat sources.
- **Disposal:** Dispose of used hydraulic fluid according to local environmental regulations. Do not pour down drains or onto the ground.
- **Professional Assistance:** If you are unsure about any procedure, contact a qualified service technician.

3. SETUP AND PREPARATION

Before adding or replacing hydraulic fluid, ensure the lift is in a safe, level position and powered off. Gather all necessary tools and materials.

1. **Park the Lift:** Position the wheelchair lift on a flat, stable surface.
2. **Power Off:** Turn off the power to the lift and disconnect the battery if instructed by your lift's manual.
3. **Locate Reservoir:** Identify the hydraulic fluid reservoir on your specific Braun wheelchair lift model. Refer to your lift's owner's manual for its exact location.

4. **Clean Area:** Clean the area around the reservoir cap to prevent contaminants from entering the hydraulic system.

4. FLUID REPLACEMENT PROCEDURE

Follow these general steps for replacing the hydraulic fluid. Always refer to your specific Braun lift's service manual for precise instructions and fluid capacity.

1. **Drain Old Fluid:** Carefully open the drain plug (if applicable) or use a suction pump to remove the old hydraulic fluid from the reservoir. Collect the fluid in a suitable container for proper disposal.
2. **Inspect System:** While the reservoir is empty, inspect for any signs of leaks or damage to hoses and connections. Address any issues before refilling.
3. **Refill Reservoir:** Slowly pour the BraunAbility 406416KS Hydraulic Fluid into the reservoir. Use a funnel to prevent spills.
4. **Check Fluid Level:** Fill to the "FULL" mark indicated on the reservoir or dipstick. Do not overfill.
5. **Bleed System (if necessary):** Some hydraulic systems may require bleeding to remove air. Consult your lift's manual for this procedure.
6. **Secure Cap:** Replace and securely tighten the reservoir cap.
7. **Test Operation:** Restore power to the lift and perform several full cycles (up and down) to circulate the new fluid and check for proper operation and leaks.

5. MAINTENANCE GUIDELINES

Regular inspection and timely replacement of hydraulic fluid are essential for the longevity and safe operation of your Braun wheelchair lift.

- **Fluid Clarity:** Periodically check the hydraulic fluid for clarity. The fluid should be clear and free of discoloration or particles.
- **Replacement Schedule:** Replace the hydraulic fluid whenever it becomes unclear, discolored, or at intervals recommended by your lift's manufacturer, typically every 1-2 years or as specified in your lift's manual.
- **Fluid Level:** Regularly check the fluid level and top off if necessary, using only BraunAbility 406416KS Hydraulic Fluid.
- **Leak Detection:** Inspect the hydraulic system for any signs of leaks around hoses, fittings, and cylinders. Address leaks immediately.

6. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues related to hydraulic fluid.

Problem	Possible Cause	Solution
Lift operates slowly or erratically.	Low hydraulic fluid level, contaminated fluid, or air in the system.	Check fluid level and top off. If fluid is unclear, replace it. Bleed the system if air is suspected (refer to lift manual).

Problem	Possible Cause	Solution
Hydraulic fluid appears cloudy or discolored.	Fluid contamination (water, dirt, or other fluids) or degradation.	Replace the hydraulic fluid immediately. Inspect the system for sources of contamination.
Fluid leakage.	Loose fittings, damaged hoses, or worn seals.	Identify the source of the leak. Tighten fittings, replace damaged hoses or seals. Consult a qualified technician for repairs.

Note: For complex issues or if troubleshooting steps do not resolve the problem, contact BraunAbility customer support or a certified service technician.

7. PRODUCT SPECIFICATIONS

Specification	Detail
Model Number	406416KS
Brand	BraunAbility
Liquid Volume	1 Quart
Item Form	Liquid
Package Information	Bottle
Compatibility	All Braun hydraulic lift models
Other Part Numbers	406417KS, 32840KS, 406415

8. SUPPORT AND CONTACT INFORMATION


For further assistance, technical support, or inquiries regarding BraunAbility products, please use the following contact information:



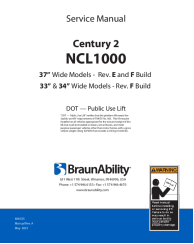


Customer Service: 1-800-THE LIFT (1-800-843-5438)

International Corporate Headquarters: P.O. Box 310, Winamac, IN 46996 USA

Website: www.braunmobility.com

Related Documents - 406416KS

	<p>BraunAbility Carolift 90 & 140 User Manual - Operation and Safety Guide</p> <p>User manual for BraunAbility Carolift 90 and 140 wheelchair hoists. Learn about safe operation, installation, maintenance, and troubleshooting for this vehicle mobility aid.</p>
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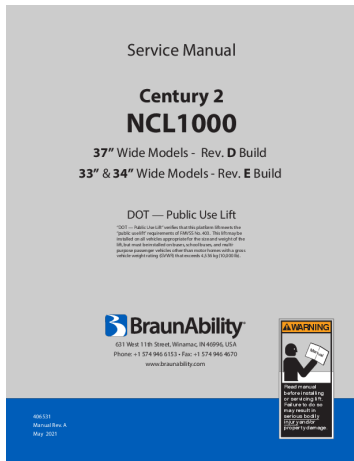
	<p>BraunAbility Turny Seat Lift User Manual: Operation and Safety Guide</p> <p>Comprehensive user manual for the BraunAbility Turny HD and Turny Orbit seat lifts, detailing operation, safety measures, emergency procedures, and maintenance for vehicle accessibility.</p>
	<p>BraunAbility A-Series Under Vehicle Lift Installation and User Manual</p> <p>Comprehensive installation and user manual for the BraunAbility A-Series under vehicle lift, providing detailed instructions, safety guidelines, technical specifications, and maintenance checklists.</p>
	<p>BraunAbility Century 2 NCL1000 Service Manual - Installation, Maintenance, and Repair Guide</p> <p>Comprehensive service manual for the BraunAbility Century 2 NCL1000 Public Use Lift. Covers troubleshooting, maintenance, hydraulics, repair parts, exploded views, and warranty information for 33", 34", and 37" wide models.</p>
	<p>BraunAbility Compact Manual Wheelchair Tie-Down User Manual Fitting & Safety Guide</p> <p>Comprehensive user manual for BraunAbility Compact Manual Wheelchair Tie-Down systems (T-ROBK, T-ROBT, T-ROBJ, T-SOBK, T-SOBT, T-SOBJ). Includes fitting instructions, safety guidelines, maintenance, and warranty information.</p>
	<p>BraunAbility Solo Static Floor Anchor S10 Installation and User Manual</p> <p>Comprehensive guide for installing and using the BraunAbility Solo Static Floor Anchor S10, a single anchoring point for dedicated wheelchair spaces. Covers safety, installation, operation, and maintenance.</p>

Documents - BraunAbility – 406416KS



[pdf] User Manual Instructions

406668 Rev A COF Operators Manual braun nuvl manuals Don Brown Bus Parts manual v 1640876421
cdn.shopify.com/files/1/1511/7456/|||
Operator Manual NUSP34S31X48RWO Under-Vehicle Lift Private Use Wheelchair Lifts DOT -- Private Use L ... system cylinder, hoses, fittings, seals, etc. for leaks if fluid level is low. Use BraunAbility **406416KS** 1 qt or 406417KS 1 qt -12 pack Duragard Hi-Tek Ultra HVI-26 hydraulic fluid. Do not mix...
lang:en score:28 filesize: 2.36 M page_count: 56 document date: 2021-08-20



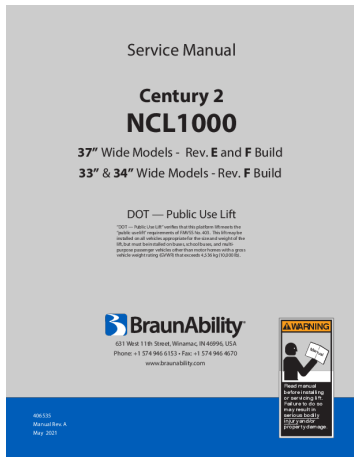
[\[pdf\]](#) User Manual Instructions Warranty

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Service Manual Century 2 NCL1000 37 Wide Models - Rev. D Build 33 34 Wide Models - Rev. E Build ... , 1/8 O.D. Exxon Univis - 32840KS 1 qt or 32840-12KS 1 qt - 12 pack 4 Duragard Hi-Tek Ultra - **406416KS** 1 qt or 406417KS 1 qt - 12 pack or 406438KS 2 qt 4 Part # 404863 35310 29690 31120K ...

lang:en **score:20** filesize: 9.6 M page_count: 48 document date: 2021-05-17



[BraunAbility Century 2 NCL1000 Service Manual - Installation, Maintenance, and Repair Guide](#)

Comprehensive service manual for the BraunAbility Century 2 NCL1000 Public Use Lift. Covers troubleshooting, maintenance, hydraulics, repair parts, exploded views, and warranty information for 33", 34", and 37" wide models.

lang:en **score:20** filesize: 8.18 M page_count: 48 document date: 2021-05-17