



Standard Information

Hydraulic visual level indicators, commonly used to monitor fluid levels in hydraulic systems, are essential for ensuring operational safety and system efficiency.

Installation Safety

- **Compatibility Check:** Confirm that the indicator is compatible with the hydraulic fluid, operating temperature, and pressure range of the system.
- **Torque Specifications:** Adhere to the manufacturer's recommended torque values when fastening the indicator to avoid over-tightening or under-tightening.
- **Seal Integrity:** Ensure seals and gaskets are correctly positioned and undamaged to prevent leaks.

Operation Safety

- **Regular Monitoring:** Check fluid levels routinely and ensure they are within the acceptable range. Low or excessive fluid levels can cause system inefficiencies or damage.
- **Indicator Clarity:** Maintain the cleanliness of the indicator's viewing window to ensure accurate readings.
- **Fluid Condition:** Observe the fluid's color and clarity through the indicator, as cloudiness or discoloration may indicate contamination or degradation.

Maintenance Safety

- **Leak Inspection:** Regularly inspect the indicator and its mounting points for leaks. Address any leaks immediately to prevent fluid loss and environmental hazards.
- **Replacement:** Replace worn or damaged indicators promptly. Use only manufacturer-approved replacements to ensure compatibility and safety.
- **Flush and Clean:** Clean the reservoir area around the indicator before servicing to prevent debris ingress.

Emergency Procedures

- **Spill Containment:** Have spill kits readily available to address accidental fluid leaks or overflows.
- **Fire Safety:** Be aware of the hydraulic fluid's flammability. Keep fire extinguishers nearby, particularly in high-temperature environments.

Please note:

- Dispose of used or damaged visual level indicators and hydraulic fluids in compliance with local environmental regulations.
- Consult the manufacturer for any uncertainties or application-specific guidelines.

For additional information, contact Mintor or refer to the detailed technical manual.