Hallite produces high performance hydraulic seal solutions for the world’s fluid power industry. The company enjoys an enviable reputation for high quality and reliability within the mobile hydraulics, mining, off-highway, construction, agriculture, mechanical handling and automation markets.

Hallite products are designed to press-fit into open groove housings. Capable of operating in dirty conditions, the proportions of the polyurethane wiping lip allow it to follow the side movement of the rod and to clear away heavily deposited dirt.

Typical applications
- General Duty

Key Features
- Easy assembly
- High & Dual bearing range
- Precision trimmed wiping lip
- Treated metal case

Key Advantages
- Metal case treated with a rust inhibitor
- Maintains constant contact with the rod surface
- Suitable for all types of environments
- High performance material provides improved cylinder life

Key Technical Information
- Temperature Range: -40°C to 100°C
- Maximum Speed: 1 m/sec

Hallite Seals

Hallite produces high performance hydraulic sealing solutions for the world’s fluid power industry. The company enjoys an enviable reputation for high quality and reliability within the mobile hydraulics, mining, off-highway, construction, agriculture, mechanical handling and automation markets.

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- High performance material provides improved cylinder life

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- Temperature Range: -40°C to 100°C
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Hallite Seals
A polyester based material wiper that has been designed to remove lightly contaminated materials from the rod surface whilst providing a cost effective alternative to a split housing. polyester material snap-in rod wiper that has been specifically developed for cylinders used in clean environment. It is a double lip wiper designed for use with ending 6 rings such as the Hallite 520 rod wiper.

**Key Features**
- Standard design made from bronze
- Twin lip design
- Precision lubricated
- Pressure relief ribs
- Moulded ribs provide extra stability
- Hard wearing material
- Twin groove housing

**Key Advantages**
- Contamination resistant
- Pressure membranes
- Outside flap on wiping lip
- Outside flap covers gland housing, helps prevent pressure trapping
- Twin lip design ensures a dry sealing system
- Pressure protection
- Twin groove housing, prevents ingress of water and dirt around the outside of the wiper

**Typical applications**
- Off Highway
- Mining
- Machine Tools
- High reach forklift trucks
- Other material options provided to extend operating conditions

**Temperature Range:**
- Maximum Speed: 4 m/sec
- (-50°F to 230°F)
- (12 ft/sec)

**Type 842**

The Hallite 842 is a polyester based material wiper that has been specifically developed for cylinders used in demanding off-highway applications. It is a double lip wiper designed for use with ending 5 rings such as the Hallite 510 rod wiper.

**Key Features**
- Standard design made from bronze
- Twin lip design
- Precision lubricated
- Pressure relief ribs
- Moulded ribs provide extra stability
- Hard wearing material
- Twin groove housing

**Key Advantages**
- Contamination resistant
- Pressure membranes
- Outside flap on wiping lip
- Twin groove housing, prevents ingress of water and dirt around the outside of the wiper

**Typical applications**
- Off Highway
- Mining
- Machine Tools
- High reach forklift trucks
- Other material options provided to extend operating conditions

**Temperature Range:**
- Maximum Speed: 4 m/sec
- (-50°F to 230°F)
- (12 ft/sec)

**Type 844**

The Hallite 844 is a polyurethane based material wiper designed to exclude foreign particles and moisture into the cylinder. It is a double lip wiper designed for use with ending 5 rings such as the Hallite 510 rod wiper.

**Key Features**
- Standard design made from bronze
- Twin lip design
- Precision lubricated
- Pressure relief ribs
- Moulded ribs provide extra stability
- Hard wearing material
- Twin groove housing

**Key Advantages**
- Contamination resistant
- Pressure membranes
- Outside flap on wiping lip
- Twin groove housing, prevents ingress of water and dirt around the outside of the wiper

**Typical applications**
- Off Highway
- Mining
- Machine Tools
- High reach forklift trucks
- Other material options provided to extend operating conditions

**Temperature Range:**
- Maximum Speed: 4 m/sec
- (-50°F to 230°F)
- (12 ft/sec)

**Type 846**

The Hallite 846 is a polyester based material wiper designed to remove heavily contaminated materials from the rod surface whilst providing a cost effective alternative to a split housing. polyester material snap-in rod wiper that has been specifically developed for cylinders used in demanding off-highway applications. It is a double lip wiper designed for use with ending 5 rings such as the Hallite 520 rod wiper.

**Key Features**
- Standard design made from bronze
- Twin lip design
- Precision lubricated
- Pressure relief ribs
- Moulded ribs provide extra stability
- Hard wearing material
- Twin groove housing

**Key Advantages**
- Contamination resistant
- Pressure membranes
- Outside flap on wiping lip
- Twin groove housing, prevents ingress of water and dirt around the outside of the wiper

**Typical applications**
- Off Highway
- Mining
- Machine Tools
- High reach forklift trucks
- Other material options provided to extend operating conditions

**Temperature Range:**
- Maximum Speed: 4 m/sec
- (-50°F to 230°F)
- (12 ft/sec)
A polymer based material wiper that has been designed to remove deposits formed from the solid and fluid phases of the fluid. The wiper is designed to include a flange on the cylinder and includes a flange on the housing of the wiper. The wiper is designed to be used in medium duty applications.

**Key Features**
- Standard design made from natural rubber
- Low friction - no stick-slip

**Technical Information**
- Temperature Range: -40°C to 120°C
- Maximum Speed: 4 m/sec

**Applications**
- Mining
- Earth moving
- Mining and earth moving
- Housing

**Advantages**
- Effective scraping lip
- Outside crush lip for effective removal of contaminants
- Maintains constant contact with the rod surface
- Helps prevent pressure trapping

**Features**
- Effective scraping lip
- Outside crush lip for effective removal of contaminants
- Maintains constant contact with the rod surface
- Helps prevent pressure trapping
Hallite is a leading manufacturer of hydraulic and industrial seals. Their products are engineered in a wide variety of advanced materials and are chosen by leading manufacturers for their exceptional performance. Hallite products are readily accessible and are backed by a worldwide network of service partners. For more information, visit www.hallite.com.
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