

## Series 64 & 65 Aftermarket Replacement Parts



**BMF-9241931**  
Aftermarket Liebherr® Grapple  
Cylinder 70x50x215mm

High strength and rugged cylinder is rated at 5000psi. 70mm bore x 215mm stroke and 50mm diameter rod. Spherical bearings on cylinder and rod ends. Aftermarket replacement for Liebherr® grapple cylinder 9241931. Fits series 64 & 65 (0.52-0.78 cu yd) grapples.

**BMF-9063463**  
Chromed rod 215mm



Solid forged chrome rod, includes (1) 7025750 bearing, (2) 4281012 snap rings, (1) 7001228 grease fitting and (1) 4242017 retaining ring. Used with BMF-9241931 cylinder.

**BMF-3201484**  
Cast Steel Shield  
215mm



Painted cast steel shield (half shell), used on BMF-9241931 cylinder. Secured with BMF-9240002 hardware kit.

**BMF-9063462**  
Barrel- 215mm



Welded and honed barrel, includes (1) 7025750 bearing, (1) 4281012 snap ring and (1) 7743242 grease fitting. Used with cylinder BMF-9241931.

**BMF-9200966**  
Shield Set- 215mm



Replacement cylinder cover set, includes (2) BMF-3201484 shield halves and (1) 9240002 hardware set. Used with BMF-9241931 cylinder.

## Series 69 & 70 Aftermarket Replacement Parts



**BMF-9245992**  
Aftermarket Liebherr® Grapple  
Cylinder 70x50x315mm

High strength and rugged cylinder is rated at 5000psi. 70mm bore x 315mm stroke and 50mm diameter rod. Spherical bearings on cylinder and rod ends. Aftermarket replacement for Liebherr® grapple cylinder 9245992. Fits series 69 & 70 (1.05-1.44 cu yd) grapples.

**BMF-9063664**  
Chromed rod 315mm



Includes (1) 7025750 bearing, (2) 4281012 snap rings, (1) 7001228 grease fitting and (1) 4242017 retaining ring. Used on BMF-9245992 cylinder.

**BMF-9235003**  
Shield Set- 315mm



Replacement cylinder cover set, includes (2) BMF-3201549 shield halves and (1) 9240002 hardware set. Used with BMF-9245992 cylinder.

**BMF-9063666**  
Barrel- 315mm



Welded and honed barrel, includes (1) 7025750 bearing, (1) 4281012 snap ring and (1) 7743242 grease fitting. Used with BMF-9245992 cylinder.

**BMF-3201549**  
Cast Steel Shield 315mm



Painted cast steel shield (half shell), used on BMF-9245992 cylinder. Secured with BMF-9240002 hardware kit.

## Series 80 Aftermarket Replacement Parts



**BMF-94040349**  
Aftermarket Liebherr® Grapple  
Cylinder 80x56x295mm

High strength and rugged cylinder is rated at 5000psi. 80mm bore x 295mm stroke and 56mm diameter rod. Spherical bearings on cylinder and rod ends. Aftermarket replacement for Liebherr® grapple cylinder 94040349. Fits series 80 grapples.

**BMF-40117441**  
80mm Piston



Hardened steel piston. Used on BMF-94040349 cylinder.

**BMF-94016827**  
Chromed rod 295mm



Includes (1) 7003242 bearing, (2) snap rings, and (1) 7001228 grease fitting. Used on BMF-94040349 cylinder.

**BMF-94016832**  
Barrel- 295mm



Welded and honed barrel, includes (1) 7003242 bearing, (1) snap ring and (1) 7743242 grease fitting. Used with BMF-94040349 cylinder.

## Universal Replacement Parts for Liebherr®

**BMF-9063464**  
70mm Piston Seal Kit

70mm piston seal kit for Liebherr® 9241931 and 9245992 cylinders.



**BMF-9155154**  
50mm Rod Seal Kit

50mm rod seal kit for Liebherr® 9241931 and 9245992 cylinders.



**BMF-94016757/94034126**  
Aftermarket Liebherr®  
56mm Rod Seal Kit

56mm rod seal kit for Liebherr® 94040349 cylinder.



**BMF-9062172**  
Aftermarket Liebherr®  
80mm Piston Seal Kit

80mm piston seal kit for Liebherr® 94040349 cylinder.



**BMF-9922518**  
Replacement Rotary  
Union Seal Kit

Includes x3 quad seals, x6 back up rings and x2 o-rings. Used on series 64, 65, 69 & 70 grapples.



**BMF-7264643**  
Replacement Rectangle  
Ring Set

(x2 rectangle rings per kit)  
Set of x2 buna-N rectangle rings.



## Universal Replacement Parts for Liebherr® cont.

### BMF-9710216

#### Thrust Washer

Bronze thrust washer used in Liebherr® rotary union.



### BMF-7003242

#### Spherical Bearing

Heavy duty spherical bearing. Used on BMF-94040349 cylinder.



### BMF-3201712

#### Tine Tip

Weld on replacement Liebherr® Grapple Tine Tip (Shell Point) - Forged, Hardened Steel Alloy. Universal tine tip, used on all Liebherr® Grapples.



### BMF-9240002

#### Replacement Shield Hardware

Includes (6) Grade 10.9 bolts and (6) Grade 10 locknuts, zinc plated. Used with BMF-3201484 and BMF-3201549 shields.



### BMF-1000544

#### Straight Grease Nipple

Brass, M10X1 threads.



### BMF-7002361

#### Hydraulic Fitting

Hydraulic male-male steel fitting, GE 16S G1/A1.



### BMF-7025750

#### Spherical Bearing

Heavy duty spherical bearing. Used on both BMF-9241931 and BMF-9245992 cylinders.



### BMF-9359599

#### Replacement Barrel/Rod Bushing

Replacement rod/barrel bushing. Alternative for BMF-7025750 rod eye fitting.



### BMF-9242102

#### 70mm Piston

Hardened steel piston. Used on both BMF-9241931 and BMF-9245992 cylinders.



### BMF-9958886

#### 50/70mm Rod Gland

Used on both BMF-9241931 and BMF-9245992 cylinders.



### BMF-7001228

#### 45° Grease Nipple

Brass, M10X1 threads.



### BMF-4281012

#### Locking Rings DIN 47275

lock ring used on Liebherr® rod and barrel spherical bushings



## Universal Replacement Parts for Liebherr® cont.

### BMF-4000592

#### Socket Head Bolt M10x70 (Set)

10 piece bolt set, used with both BMF-9241931 and BMF-9245992 cylinders.



### BMF-9240001

#### Replacement Oil Port Fittings

Machined steel, 2 pieces.



### BMF-9161350

#### Upper Ring

Zinc plated steel spacer used with BMF-9830051 cylinder pin for upper cylinder assembly with grapple.



### BMF-9830051

#### Cylinder Pin

Hardened steel pin used to secure cylinder to grapple and tine. Includes x1 washer, x1 castle nut and x1 cotter pin.



### BMF-9166643

#### Tine Bushing

Bronze tine bushing. x2 used per tine.



### BMF-9233215

#### Washer

Galvanized steel disc used with tine pin assembly.



### BMF-4242017

#### Snap Ring DIN 7095147

snap ring used to secure Liebherr® piston and rod.



### BMF-7000004

#### Rotary Union Bushing

PTFE lined steel bushings used in Liebherr® rotary union. x2 needed for complete rotary rebuild.



### BMF-9923177

#### Lower Ring

Zinc plated steel spacer used with BMF-9830051 cylinder pin for lower cylinder assembly with tine



### BMF-9226818

#### Tine Pin

Hardened steel pin used to secure tine with grapple assembly.



### BMF-9586602

#### Spacer Bushing

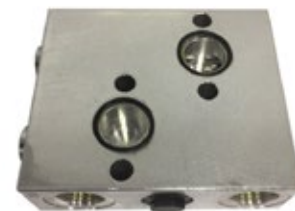
Machined spacer. Used with BMF-9166643.



### BMF-7026352

#### Valve Manifold

100 Bar anti-shock valve in aluminum housing. Used with hydraulic motor BMF-5009983. Includes x4 mounting bolts and x2 o-rings.





## Universal Replacement Parts for Liebherr® cont.

### BMF-5009768

#### Motor & Valve Manifold Kit

Rugged, low speed, high torque orbital motor (BMF-5009983) and 100 Bar anti-shock valve in aluminum housing (BMF-7026352). Includes x4 mounting bolts and x2 o-rings.



### BMF-5009983

#### Hydraulic Motor

Rugged, low speed, high torque orbital motor. An excellent value offering long lasting performance at a competitive price point. For Liebherr® 5009983 or 11694657.



### BMF-5009560

#### Hydraulic Torque Motor

Rugged, low speed, high torque orbital motor. An excellent value offering long lasting performance at a competitive price point. A direct aftermarket replacement for Liebherr® 5009560.



### BMF-7013116

#### Sealing Ring

Seal ring for main grapple body hose connection



### BMF-4600649

#### Grapple Fitting with sealing ring

Threaded hose fitting for hydraulic cylinder hose.

