

# LUBRICATION / LUBRIFICAZIONE

EN

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## COAXIAL GEARBOXES

All the units are supplied with synthetic oil for lifetime lubrication, no maintenance is necessary.

Specify in the order, when mounting position are: V5 / V6 / V8.

If gearboxes are ordered for B3, but used in different mounting position, just add / removed oil Q.ty up to the required level ( see table ).

## RIDUTTORI COASSIALI

Tutti i riduttori sono forniti completi di olio sintetico per la lubrificazione permanente e non necessitano di alcuna manutenzione.

Nel caso di utilizzo in altre posizioni tipo V5 / V6 / V8 è necessario specificare in fase d'ordine tale scelta.

Nel caso i riduttori forniti con una quantità di lubrificante per posizioni di montaggio B3 vengano utilizzati in altre posizioni va aggiunto / tolto olio sintetico fino alla quantità totale riportata in tabella.

## OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

Oil plug are on the back side

Filled & breather oil plug

Closed oil plug

Drain oil plug

Level oil plug

### OIL PLUG



SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasias S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

### Standard

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△ Drain oil plug

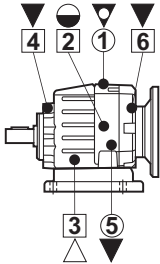
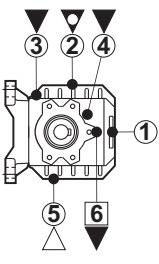
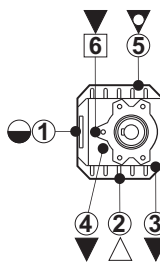
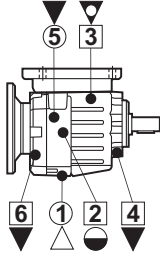
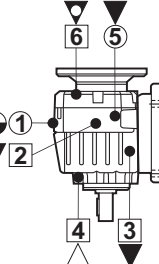
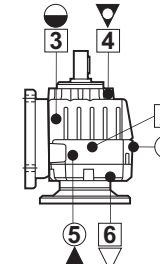
● Level oil plug

## OIL PLUG

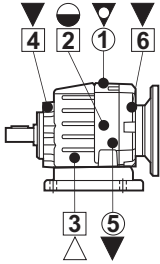
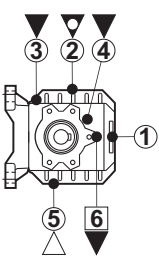
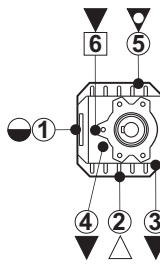
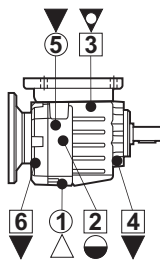
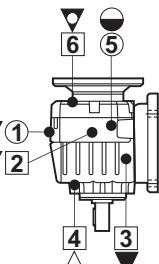
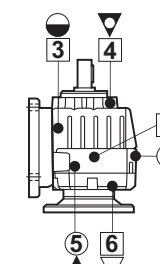
<b>A</b>  <b>TO1/4LIA</b> Allum. level plug 1/4	<b>I</b>  <b>TO1/4SCA</b> Allum. closed plug 1/4	<b>K</b>  <b>TO1/4CSS</b> Breather plug 1/4
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## Standard

 <p><b>B3</b></p>	<table border="1"> <tr> <th>Type</th> <th>413A</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.30</td> </tr> <tr> <td>① Standard 1 plug type I</td> <td></td> </tr> <tr> <td>On request</td> <td> <table border="1"> <tr><td>①</td><td>K</td></tr> <tr><td>②</td><td>A</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>I</td></tr> <tr><td>⑤</td><td>I</td></tr> <tr><td>⑥</td><td>I</td></tr> </table> </td> </tr> </table>	Type	413A	Oil q.ty (Lt.)	0.30	① Standard 1 plug type I		On request	<table border="1"> <tr><td>①</td><td>K</td></tr> <tr><td>②</td><td>A</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>I</td></tr> <tr><td>⑤</td><td>I</td></tr> <tr><td>⑥</td><td>I</td></tr> </table>	①	K	②	A	③	I	④	I	⑤	I	⑥	I	 <p><b>B6</b></p>	<table border="1"> <tr> <th>Type</th> <th>413A</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.35</td> </tr> <tr> <td>① Standard 1 plug type I</td> <td></td> </tr> <tr> <td>On request</td> <td> <table border="1"> <tr><td>①</td><td>A</td></tr> <tr><td>②</td><td>K</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>I</td></tr> <tr><td>⑤</td><td>I</td></tr> <tr><td>⑥</td><td>I</td></tr> </table> </td> </tr> </table>	Type	413A	Oil q.ty (Lt.)	0.35	① Standard 1 plug type I		On request	<table border="1"> <tr><td>①</td><td>A</td></tr> <tr><td>②</td><td>K</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>I</td></tr> <tr><td>⑤</td><td>I</td></tr> <tr><td>⑥</td><td>I</td></tr> </table>	①	A	②	K	③	I	④	I	⑤	I	⑥	I	 <p><b>B7</b></p>	<table border="1"> <tr> <th>Type</th> <th>413A</th> </tr> <tr> <td>Oil q.ty (Lt.)</td> <td>0.45</td> </tr> <tr> <td>① Standard 1 plug type I</td> <td></td> </tr> <tr> <td>On request</td> <td> <table border="1"> <tr><td>①</td><td>A</td></tr> <tr><td>②</td><td>I</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>I</td></tr> <tr><td>⑤</td><td>K</td></tr> <tr><td>⑥</td><td>I</td></tr> </table> </td> </tr> </table>	Type	413A	Oil q.ty (Lt.)	0.45	① Standard 1 plug type I		On request	<table border="1"> <tr><td>①</td><td>A</td></tr> <tr><td>②</td><td>I</td></tr> <tr><td>③</td><td>I</td></tr> <tr><td>④</td><td>I</td></tr> <tr><td>⑤</td><td>K</td></tr> <tr><td>⑥</td><td>I</td></tr> </table>	①	A	②	I	③	I	④	I	⑤	K	⑥	I
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# OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

● Level oil plug

## OIL PLUG

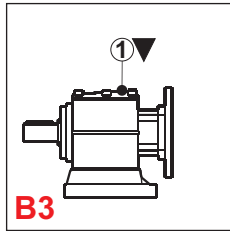


**TO1/4SCA**  
Allum. closed plug 1/4

## SYNTHETIC OIL

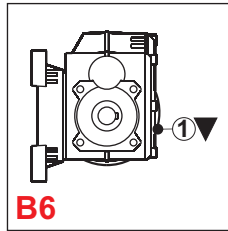
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

## Standard



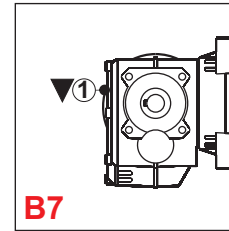
**B3**

Type	452A
Oil q.ty (Lt.)	0.31
Standard without oil plugs	
On request	① I



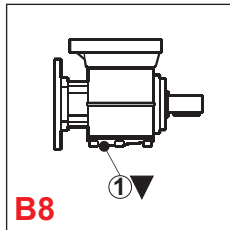
**B6**

Type	452A
Oil q.ty (Lt.)	0.31
Standard without oil plugs	
On request	① I



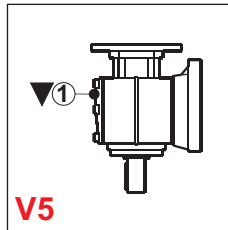
**B7**

Type	452A
Oil q.ty (Lt.)	0.31
Standard without oil plugs	
On request	① I



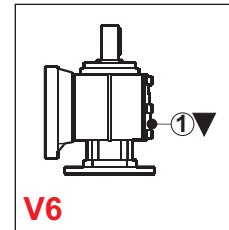
**B8**

Type	452A
Oil q.ty (Lt.)	0.31
Standard without oil plugs	
On request	① I



**V5**

Type	452A
Oil q.ty (Lt.)	0.31
Standard without oil plugs	
On request	① I



**V6**

Type	452A
Oil q.ty (Lt.)	0.31
Standard without oil plugs	
On request	① I

# OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

▽ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

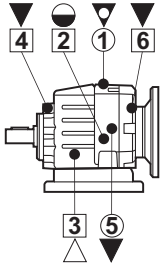
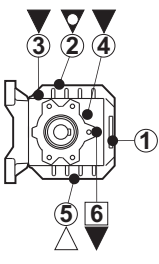
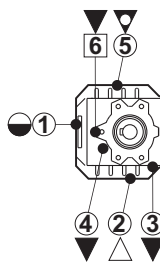
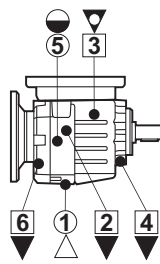
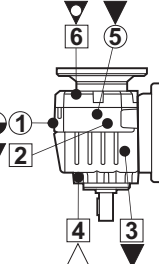
● Level oil plug

## OIL PLUG

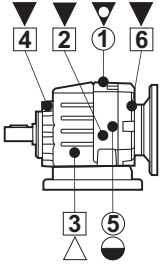
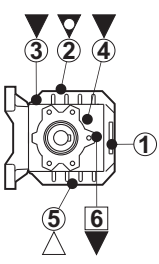
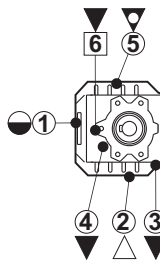
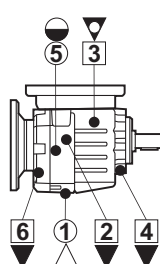
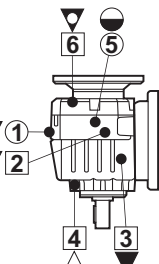
 <b>TO1/4LIA</b> Allum. level plug 1/4	<b>A</b>	 <b>TO1/4SCA</b> Allum. closed plug 1/4	<b>I</b>	 <b>TO1/4CSS</b> Breather plug 1/4	<b>K</b>
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SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

## Standard

 <p><b>B3</b></p>	<b>Type 512A</b> Oil q.ty (Lt.) 0.70 ① Standard 1 plug type I On request: ① K, ② A, ③ I, ④ I, ⑤ I, ⑥ I	 <p><b>B6</b></p>	<b>Type 512A</b> Oil q.ty (Lt.) 0.80 ① Standard 1 plug type I On request: ① A, ② K, ③ I, ④ I, ⑤ I, ⑥ I	 <p><b>B7</b></p>	<b>Type 512A</b> Oil q.ty (Lt.) 1.15 ① Standard 1 plug type I On request: ① A, ② I, ③ I, ④ I, ⑤ K, ⑥ I
	 <p><b>B8</b></p>		<b>Type 512A</b> Oil q.ty (Lt.) 1.20 ① Standard 1 plug type I On request: ① I, ② I, ③ K, ④ I, ⑤ A, ⑥ I		 <p><b>V5</b></p>

## Standard

 <p><b>B3</b></p>	<b>Type 513A</b> Oil q.ty (Lt.) 1.00 ① Standard 1 plug type I On request: ① K, ② I, ③ I, ④ I, ⑤ A, ⑥ I	 <p><b>B6</b></p>	<b>Type 513A</b> Oil q.ty (Lt.) 0.90 ① Standard 1 plug type I On request: ① A, ② K, ③ I, ④ I, ⑤ I, ⑥ I	 <p><b>B7</b></p>	<b>Type 513A</b> Oil q.ty (Lt.) 1.25 ① Standard 1 plug type I On request: ① A, ② I, ③ I, ④ I, ⑤ K, ⑥ I
	 <p><b>B8</b></p>		<b>Type 513A</b> Oil q.ty (Lt.) 1.15 ① Standard 1 plug type I On request: ① I, ② I, ③ K, ④ I, ⑤ A, ⑥ I		 <p><b>V5</b></p>

# OIL PLUG POSITIONS - TYPES / POSIZIONE TAPPI OLIO - TIPI

□ Oil plug are on the back side

▼ Filled & breather oil plug

▼ Closed oil plug

△ Drain oil plug

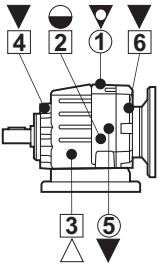
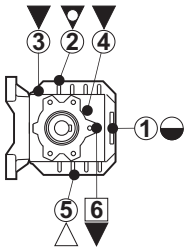
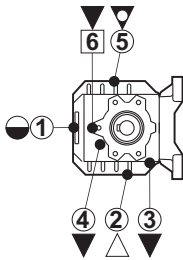
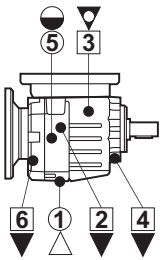
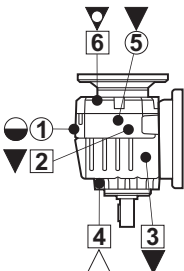
● Level oil plug

## OIL PLUG

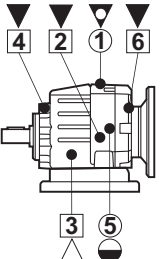
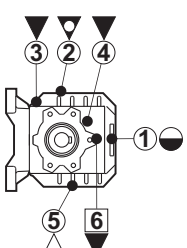
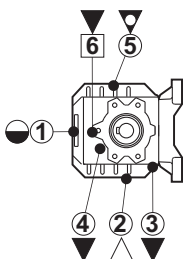
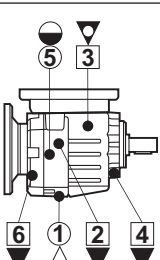
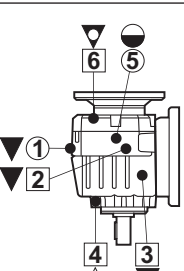


SYNTHETIC OIL	
Code	Description
LUOTVSF320 (Standard)	Shell Omala S4 WE320 Eni Telium VSF320
LUOBLAS150 (Low temperature)	Shell Omala S4 WE150 Eni Blasia S150
LUOFOOD320 (Food)	Mobil SHC Cibus 320

## Standard

 <p><b>B3</b></p>	<b>Type 612A</b> Oil q.ty (Lt.) 0.80 ① Standard 1 plug type I On request: ① K, ② A, ③ I, ④ I, ⑤ I, ⑥ I	 <p><b>B6</b></p>	<b>Type 612A</b> Oil q.ty (Lt.) 1.00 ① Standard 1 plug type I On request: ① A, ② K, ③ I, ④ I, ⑤ I, ⑥ I	 <p><b>B7</b></p>	<b>Type 612A</b> Oil q.ty (Lt.) 1.20 ① Standard 1 plug type I On request: ① A, ② I, ③ I, ④ I, ⑤ K, ⑥ I
	 <p><b>B8</b></p>		<b>Type 612A</b> Oil q.ty (Lt.) 1.20 ① Standard 1 plug type I On request: ① I, ② I, ③ K, ④ I, ⑤ A, ⑥ I		 <p><b>V5</b></p>

## Standard

 <p><b>B3</b></p>	<b>Type 613A</b> Oil q.ty (Lt.) 1.05 ① Standard 1 plug type I On request: ① K, ② I, ③ I, ④ I, ⑤ A, ⑥ I	 <p><b>B6</b></p>	<b>Type 613A</b> Oil q.ty (Lt.) 1.10 ① Standard 1 plug type I On request: ① A, ② K, ③ I, ④ I, ⑤ I, ⑥ I	 <p><b>B7</b></p>	<b>Type 613A</b> Oil q.ty (Lt.) 1.25 ① Standard 1 plug type I On request: ① A, ② I, ③ I, ④ I, ⑤ K, ⑥ I
	 <p><b>B8</b></p>		<b>Type 613A</b> Oil q.ty (Lt.) 1.25 ① Standard 1 plug type I On request: ① I, ② I, ③ K, ④ I, ⑤ A, ⑥ I		 <p><b>V5</b></p>