

TECHNICAL
UPDATE
September 2015

C-spool

C-spool NDP-5 until NDP-32

We hereby inform you that appearance of the C-spool of all NDP models will be changed as follows:

NDP-5 until NDP-32:

The 1 piece econol seal **cream colored** will be changed to a **carbon compounded fluoroplastic, grey colored**.

It concerns the following C-spool assemblies:

NDP-5	802386
NDP-10/15	802835
NDP-20/23/25/32	802400

OEM SPOOL:

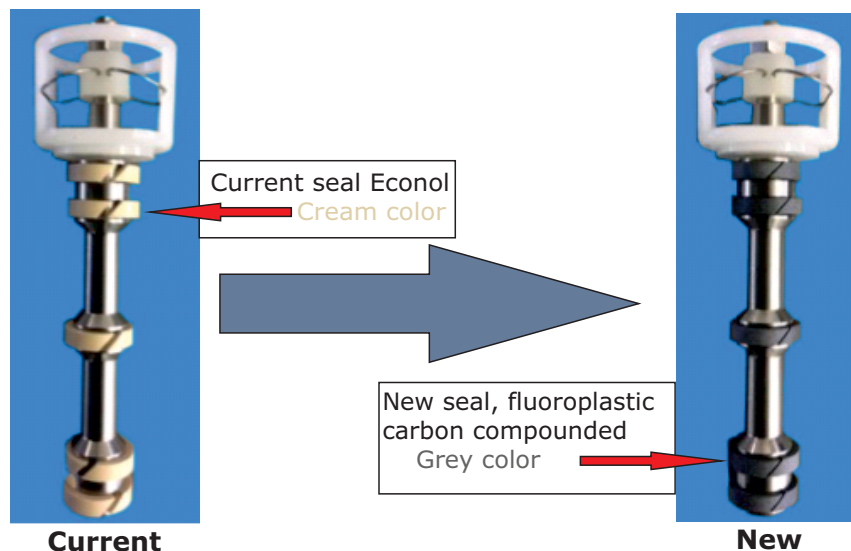
NDP-20/23/25/32	804228
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Reason:

It has a longer life time due to higher wear resistance.

Better sealing means less air consumption.

(Picture shown is C-spool 802400)



Availability:

Stock: When current stock is running out, we start with the new ones.

Pumps: From following serial numbers

NDP-5FPT ≥ 775886

NDP-10/15 Not available yet

NDP-20/25/32 ≥ 761936

Old and new C-spool and seals are interchangeable.

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TECHNICAL UPDATE

C-spool NDP-40 until NDP-80

NDP-40 until NDP-80

The 3 pieces **cream colored** hard seal will be replaced by a **1 piece seal of carbon compounded fluoroplastic, grey colored**.

It concerns the following C-spool/sleeve assembly:

NDP-40/50/80

Old article number: 803115

New article number: 805084

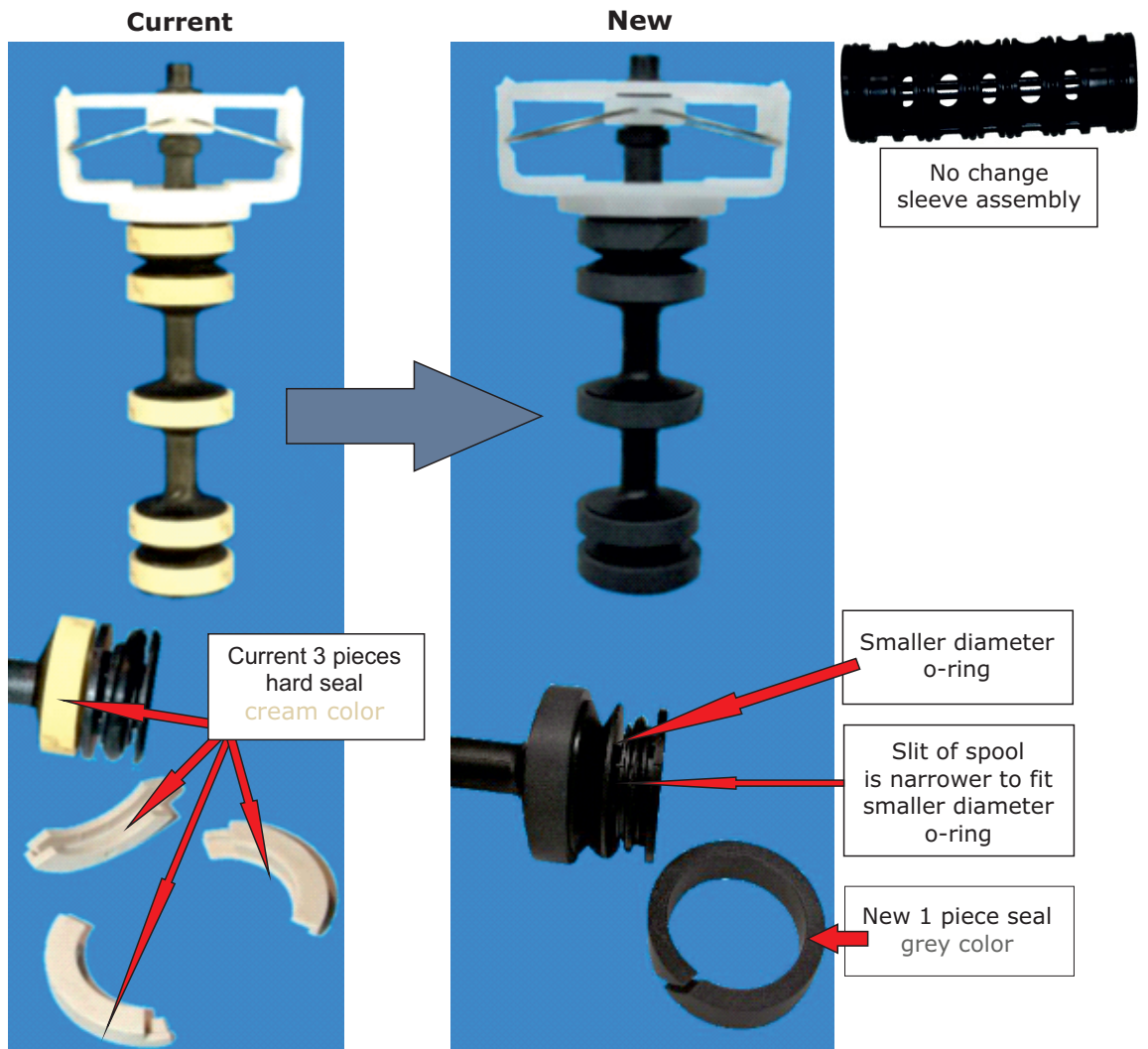
Reason:

It has a longer life time due to higher wear resistance.

Better sealing means less air consumption.

Increased fluid performance due to more effective air consumption.

Dead heading and 2:1 without massive air leakage.



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TECHNICAL UPDATE

C-spool

Availability:

Stock: When current stock is running out, we start with the new ones.

Pumps: From following serial number

NDP-40/50/80 762408

Old and new C-spool are interchangeable.

New 1 piece seal ring does not fit current spool and can not replace the 3 pieces hard seal.

Motor kits 40/50/80 pumps

Old kit will be discontinued immediately, and replaced by the new kit.

K40/50 will be discontinued when stock of 803115 is finished.

The Yamada Europe motor kits:

Be aware that we changed also the name of the size 80 motor kit

K40/50-AM

772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
770582	Cushion	2
832162	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	2
771742	Gasket	2
803115	Spool/sleeve assembly	1
771738	Gasket	2
640005	O-ring	1
771712	Gasket	1
771735	Spring stopper	1

DISCONTINUED

WHEN STOCK IS FINISHED

772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
770582	Cushion	2
832162	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	2
771742	Gasket	2
805084	Spool/sleeve assembly	1
771738	Gasket	2
640005	O-ring	1
771712	Gasket	1
771735	Spring stopper	1

NEW KIT

K80-AM

772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
832163	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	2
771742	Gasket	2
803115	Spool/sleeve assembly	1
771735	Valve stopper	1
771738	Gasket	2
640005	O-ring	1
771712	Gasket	1

DISCONTINUED

K80-AMF

772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
832163	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	2
771742	Gasket	2
805084	Spool/sleeve assembly	1
771735	Valve stopper	1
771738	Gasket	2
640005	O-ring	1
771712	Gasket	1

NEW KIT

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TECHNICAL UPDATE

C-spool

Motor kits 40/50/80 pumps

Old kit will be discontinued immediately, and replaced by the new kit.

Yamada Europe also offers the Yamada America motor kits:

These will change as follows:

K45-AM

772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
832162	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	7
771742	Gasket	2
771732	Seal ring econom	15
771738	Gasket	2
803675	Sleeve Assembly	1
771712	Gasket	1

DISCONTINUED

772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
832162	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	2
771742	Gasket	2
805084	Spool/sleeve assembly	1
771738	Gasket	2
771712	Gasket	1

NEW KIT

K80-AM

772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
832163	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	7
771742	Gasket	2
771732	Seal ring econom	15
771738	Gasket	2
803675	Sleeve Assembly	1
771712	Gasket	1

DISCONTINUED

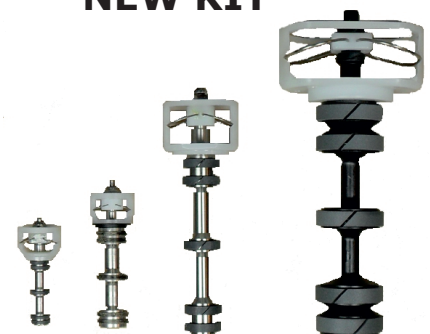
772689	Throat bearing	2
685444	U-packing	2
640029	O-ring	2
832162	Pilot valve assy	2
711937	Spring	2
771740	Pilot valve seat	2
640020	O-ring	2
771742	Gasket	2
805084	Spool/sleeve assembly	1
771738	Gasket	2
771712	Gasket	1

NEW KIT

Please note:

K80-AM = Yamada America kit

K80-AMF = Yamada Europe kit



Only 4 different C-spools to serve 11 NDP pump series

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