

Einsatzbeispiele KLEENOIL Nebenstromfilter Hydr. & Mot.

Application examples KLEENOIL by-pass filter hydr. & engine
Ejemplos de empleo filtros by-pass KLEENOIL hidr. & mot.

KLEENOIL®

Microfiltration

**Einsatzbeispiele /
Application examples /
Ejemplos de empleo**

Einige historische Beispiele, 1980er- & 90er-Jahre

Some historic examples, in the 80s and 90s

Algunos ejemplos históricos de los años 80 y 90

KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology 

HDU-M8 / CAT D-8 (BiH 1988)

HDU-M8 / CAT D-8 (BiH 1988)

HDU-M8 / CAT D-8 (BiH 1988)



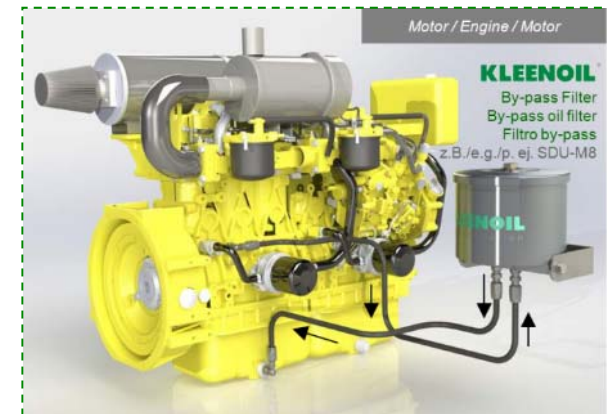
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology **+**

HDU-M8 / Jugoslawien 1987

HDU-M8 / Yugoslavia 1987

HDU-M8 / Yugoslavia 1987



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Microfiltration

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Swiss Oil Technology +

HDU-M8 / Speditionsfuhrpark

HDU-M8 / Fleet of a forwarding agent

HDU-M8 / Flota de una agencia de transportes



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology 

HDU-M8 / LKW's bei Baufirmen

HDU-M8 / Truck at construction company

HDU-M8 / Camión en empresa de construcciones



KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

HDU-M8 / LKW's bei Transportfirmen

HDU-M8 / Truck at transport companies

HDU-M8 / Camión en empresas transportistas



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Microfiltration

PANOLIN®
Swiss Oil Technology **+**

HDU-M8 / LKW's bei Transportfirmen

HDU-M8 / Forwarding agent

HDU-M8 / Agencia de transportes



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

HDU-M8 / LKW's bei Transportfirmen

HDU-M8 / Forwarding agent

HDU-M8 / Agencia de transportes



KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

HDU-M8 / Mercedes LKW (Schleith, WT)

HDU-M8 / Mercedes truck (Schleith, WT)

HDU-M8 / Camión Mercedes (Schleith, WT)



KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

HDU-M8 / MB Actros (Deiss, CH)

HDU-M8 / MB Actros (Deiss, CH)

HDU-M8 / MB Actros (Deiss, CH)



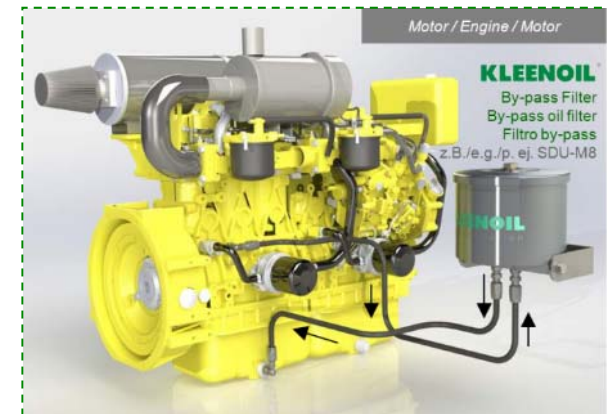
KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

HDU-M8 / Lokomotive

HDU-M8 / Locomotive

HDU-M8 / Locomotora



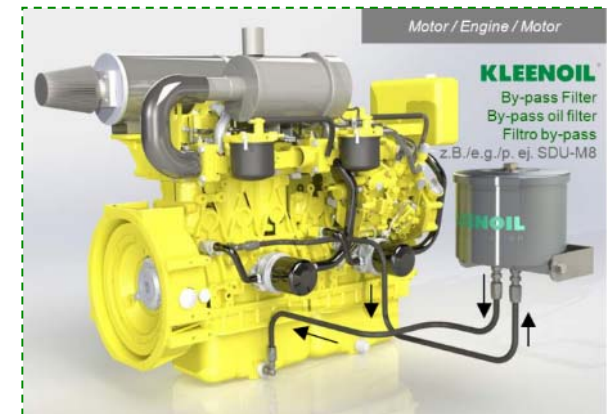
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology **+**

HDU-M8 / Pistenbully

HDU-M8 / Snowcat

HDU-M8 / Pisapistas



KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

KLEENOIL[®]

Microfiltration

**Einsatzbeispiele /
Application examples /
Ejemplos de empleo**

**Einige neuere Beispiele
Some more recent Examples
Algunos ejemplos más recientes**

KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

HDU-M8 / Traktor (Bosnien 2003)

HDU-M8 / Tractor (Bosnia 2003)

HDU-M8 / Tractor (Bosnia 2003)



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology **+**

HDU-M8 / VOLVO Omnibus

HDU-M8 / VOLVO Bus

HDU-M8 / Autobus VOLVO



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-M8 / LKW

SDU-M8 / Truck

SDU-M8 / Camión



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology 

SDU-M8 / BHKW (Klärwerk Bad Säckingen)

SDU-M8 / CHP (Wastewater Treatment Plant Bad Säckingen)

SDU-M8 / CHP (Planta de depuración Bad Säckingen)



SDU-M8 / CAT 24M Grader (Peru)

SDU-M8 / CAT 24M Grader (Peru)

SDU-M8 / CAT 24M Motoniveladora (Perú)



KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology 

SDU-M8 / LIEBHERR (Österreich)

SDU-M8 / LIEBHERR (Austria)

SDU-M8 / LIEBHERR (Austria)



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-M8 / Industrie (Textilfabrik, Pakistan)

SDU-M8 / Industry (Textile factory, Pakistan)

SDU-M8 / Industria (Fábrica textil, Pakistán)



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

KLEENOIL[®]

Microfiltration

Einsatzbeispiele / Application Examples / Ejemplos de aplicación

Beispiele aus der Gegenwart – am Ende eine schnelle und einfache Montage

Examples from the present – at the end a fast and simple installation

Ejemplos actuales – al final una instalación rápida y fácil

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Microfiltration

PANOLIN[®]
Swiss Oil Technology 

HDU-M8 / Omnibus (Verkehrsbetriebe Hamburg)

HDU-M8 / Bus (Transport Company Hamburg)

HDU-M8 / Autobús (Empresa de Transporte Hamburgo)



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

HDU-M8 / Omnibus (Verkehrsbetriebe Hamburg)

HDU-M8 / Bus (Transport Company Hamburg)

HDU-M8 / Autobús (Empresa de Transporte Hamburgo)



Filter IN (Motor OUT)



Filter OUT (Motor IN)

SDU-M8 / Mercedes-Benz Actros

SDU-M8 / Mercedes-Benz Actros

SDU-M8 / Mercedes-Benz Actros



KLEENOIL[®]
Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

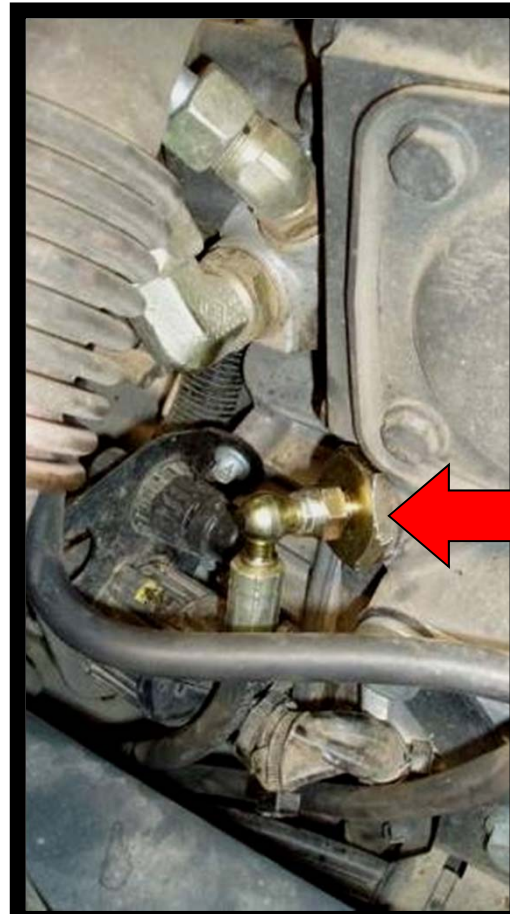
SDU-M8 / Mercedes-Benz Actros

SDU-M8 / Mercedes-Benz Actros

SDU-M8 / Mercedes-Benz Actros



Filter IN (Engine OUT)



Filter OUT (Engine IN)

SDU-M8 / KPAG-Fuhrpark

SDU-M8 / KPAG-Fleet

SDU-M8 / Flota KPAG



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Swiss Oil Technology 

KLEENOIL®

Microfiltration

**Einsatzbeispiele /
Application Examples /
Ejemplos de aplicación**

**Kombination Alt/Neu
Combination Old/New
Combinación Viejo/Nuevo**

2x SDU-M8 / CUMMINS Dizel Motor

2x SDU-M8 / CUMMINS Dizel Motor

2x SDU-M8 / CUMMINS Dizel Motor



KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology 

2x SDU-M8 / CUMMINS Dizel Motor

2x SDU-M8 / CUMMINS Dizel Motor

2x SDU-M8 / CUMMINS Dizel Motor



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Microfiltration

Einsatzbeispiele /
Application Examples /
Ejemplos de aplicación

By-Pass-Filter für Hydraulik & Motor
By-pass filter for hydraulic & engine
Filtro by-pass para hidráulica & motor

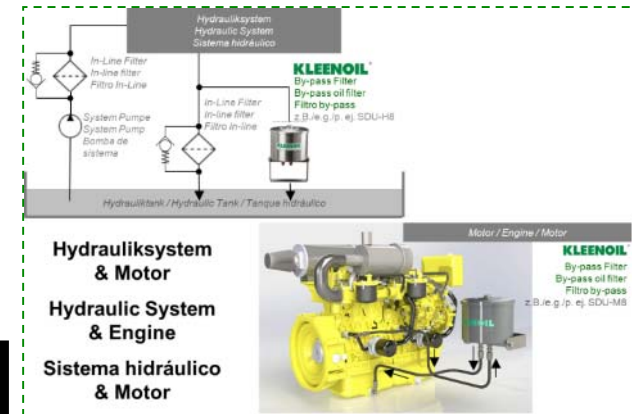
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Microfiltration

PANOLIN[®]
Swiss Oil Technology **+**

2x HDU-H8 & HDU-M8 / Einsatz vor 1990

2x HDU-H8 & HDU-M8 / Employment before 1990

2x HDU-H8 & HDU-M8 / Empleo antes del año 1990



2x Hydraulik (rot)

2x Hydraulic (red)

2x Hidráulica (rojo)

1x Motor (silber)

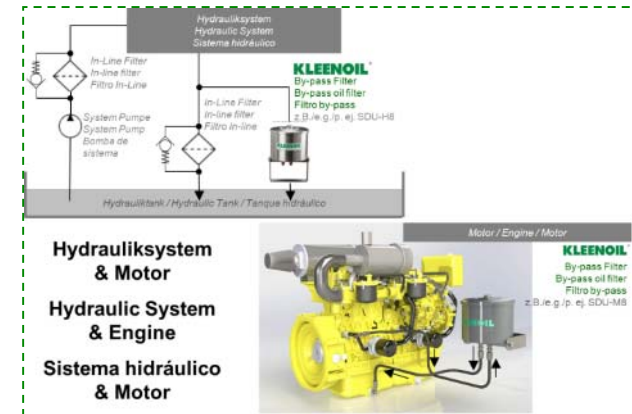
1x Engine (silver)

1x Motor (color plata)

HDU-H8 & LDU-M8 / VOLVO (Deiss, CH)

HDU-H8 & LDU-M8 / VOLVO (Deiss, CH)

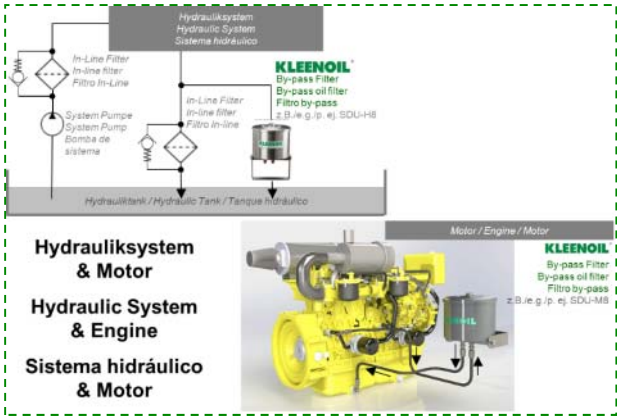
HDU-H8 & LDU-M8 / VOLVO (Deiss, CH)



HDU-H8 & -M8 / Namibia 08/2006

HDU-H8 & -M8 / Namibia 08/2006

HDU-H8 & -M8 / Namibia 08/2006



Hydrauliköl
Hydraulic Oil
El aceite hidráulico

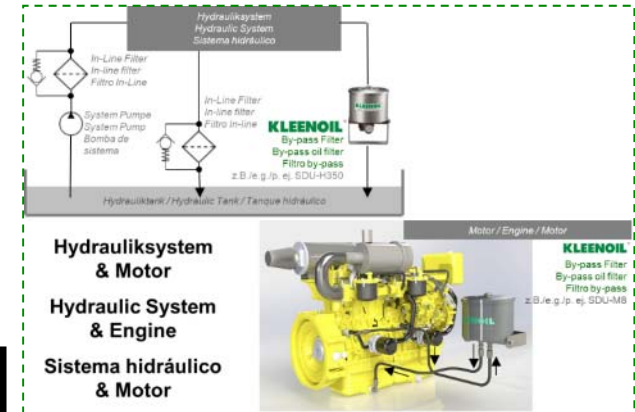


Motoröl
Motor Oil
Aceite para motores

HDU-H300 & LDU-M8 / VOLVO EC55C (Deiss, CH)

HDU-H300 & LDU-M8 / VOLVO EC55C (Deiss, CH)

HDU-H300 & LDU-M8 / VOLVO EC55C (Deiss, CH)



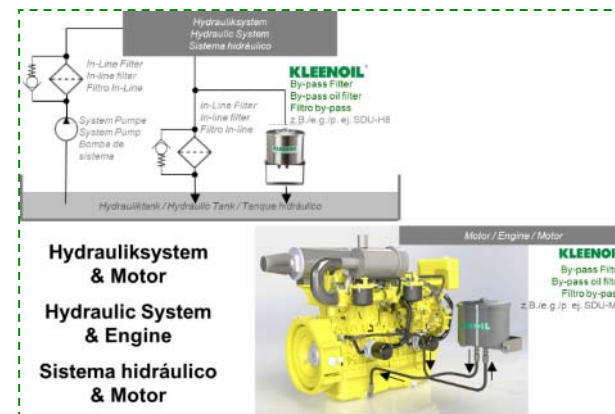
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-H8 & HDU-M8 / VOLVO Bagger

SDU-H8 & HDU-M8 / VOLVO Excavator

SDU-H8 & HDU-M8 / Excavadora VOLVO



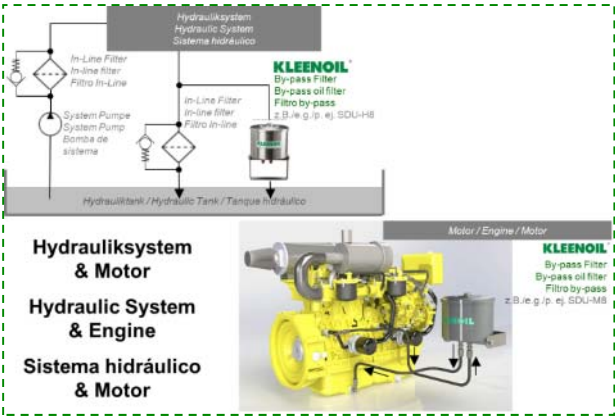
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-H8 & HDU-M8 / TIMBERJACK Forstmaschine

SDU-H8 & HDU-M8 / TIMBERJACK Forestry machine

SDU-H8 & HDU-M8 / Máquina forestal TIMBERJACK



Hydrauliköl
Hydraulic Oil
El aceite hidráulico



Motoröl
Motor Oil
Aceite para motores

KLEENOIL®
Microfiltration

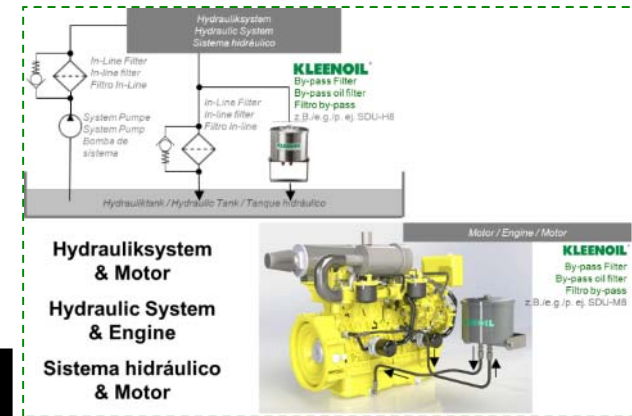
Motoröl

PANOLIN®
Swiss Oil Technology +

SDU-H8 & -M8 / Kehrmaschine

SDU-H8 & -M8 / Sweeper

SDU-H8 & -M8 / Barredero



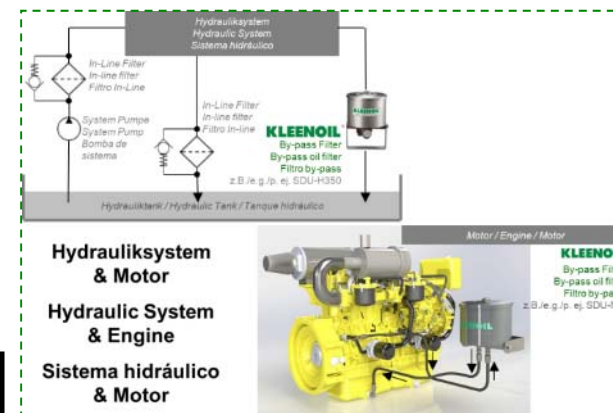
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

HDU-H300 & -M8 / TEREX O&K Radlader

HDU-H300 & -M8 / TEREX O&K Wheel Loader

HDU-H300 & -M8 / Cargadora de ruedas TEREX O&K



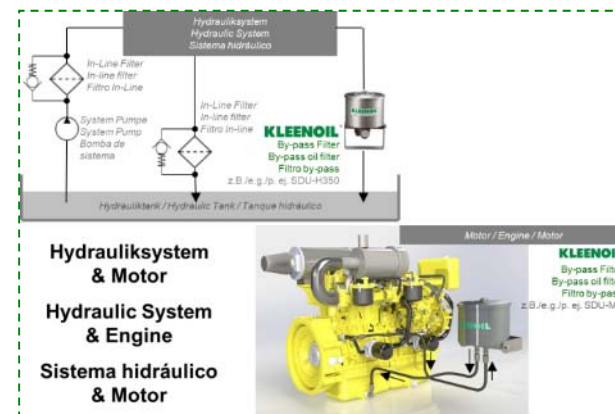
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-H350 & HDU-M8 / FAUN Müllpresse

SDU-H350 & HDU-M8 / FAUN Trash Compactor

SDU-H350 & HDU-M8 / Compactador de basura FAUN



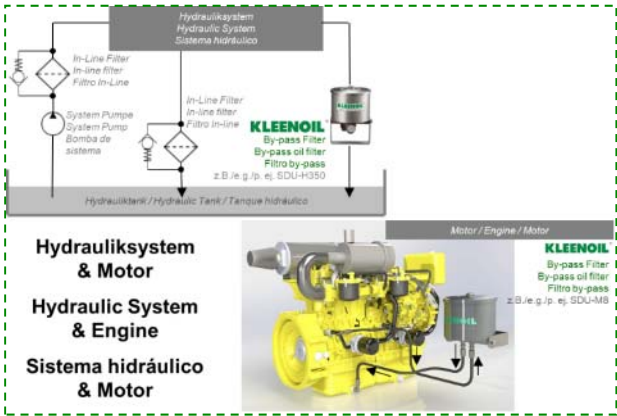
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-H350 & -M8 / CLAAS 95E

SDU-H350 & -M8 / CLAAS 95E

SDU-H350 & -M8 / CLAAS 95E



Hydrauliköl
Hydraulic Oil
Aceite hidráulico

Motoröl
Engine Oil
Aceite para motores

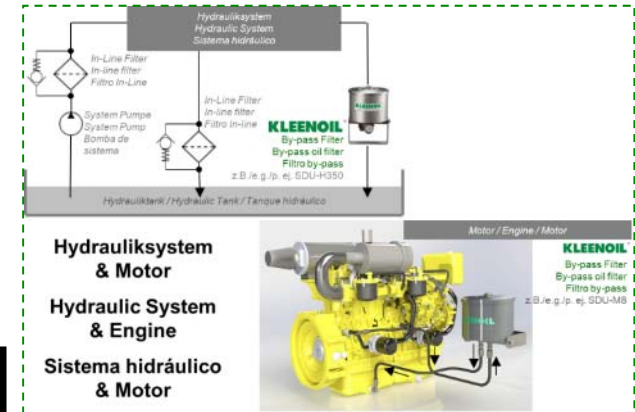
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-H350 & -M8 / JOHN DEERE 8520

SDU-H350 & -M8 / JOHN DEERE 8520

SDU-H350 & -M8 / JOHN DEERE 8520



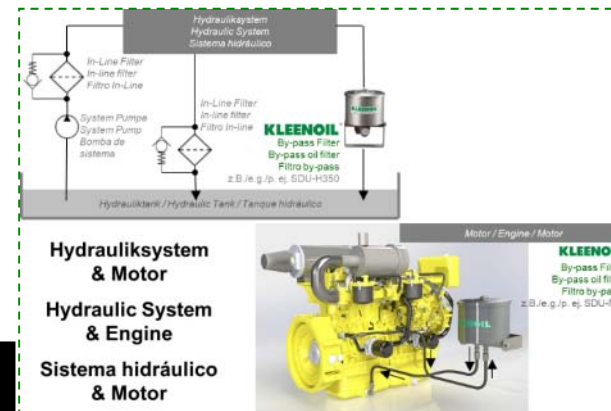
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology 

SDU-H350 & -M8 / JOHN DEERE 8520

SDU-H350 & -M8 / JOHN DEERE 8520

SDU-H350 & -M8 / JOHN DEERE 8520



Filter IN (Engine OUT)

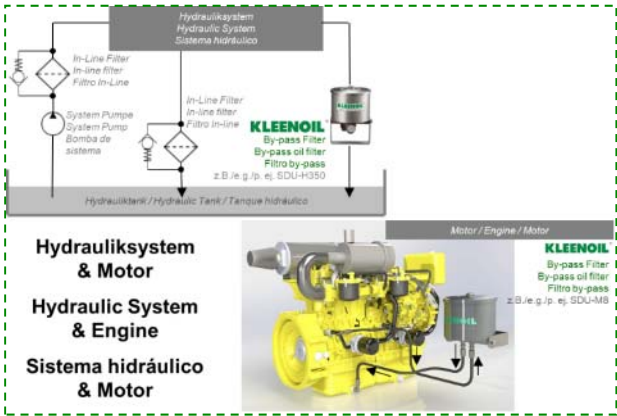


Filter OUT (Engine IN)

SDU-H350 & -M8 / NEW HOLLAND Traktor

SDU-H350 & -M8 / NEW HOLLAND Tractor

SDU-H350 & -M8 / Tractor NEW HOLLAND



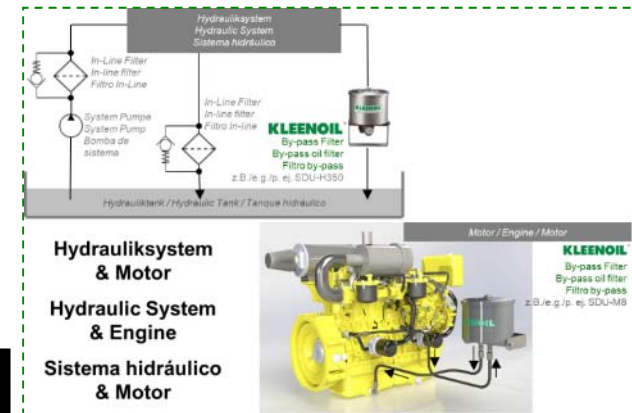
Motoröl
Engine Oil
Aceite para motores

Hydrauliköl
Hydraulic Oil
Aceite hidráulico

SDU-H350 & -M8 / JCB Bagger

SDU-H350 & -M8 / JCB Excavator

SDU-H350 & -M8 / Excavadora JCB



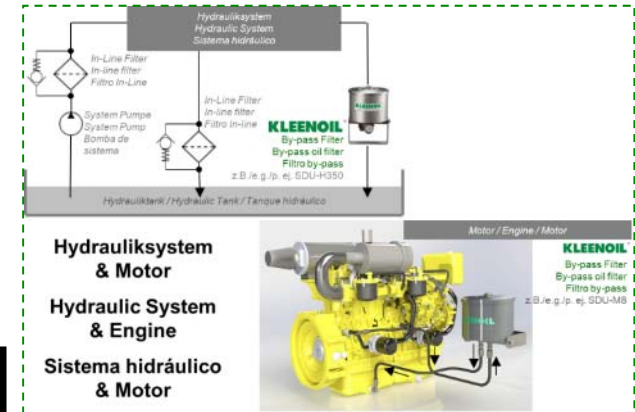
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology 

SDU-H350 & -M8 / TIMBERJACK Forstmaschine

SDU-H350 & -M8 / TIMBERJACK Forestry machine

SDU-H350 & -M8 / Máquina forestal TIMBERJACK



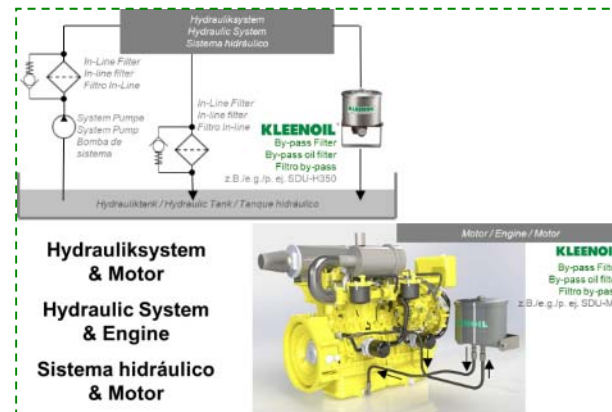
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology +

SDU-H350 & -M8 / SCHÖMA Lokomotive

SDU-H350 & -M8 / SCHÖMA Locomotive

SDU-H350 & -M8 / Locomotora SCHÖMA



Motoröl
Engine Oil
Aceite para motores

Hydrauliköl
Hydraulic Oil
Aceite hidráulico

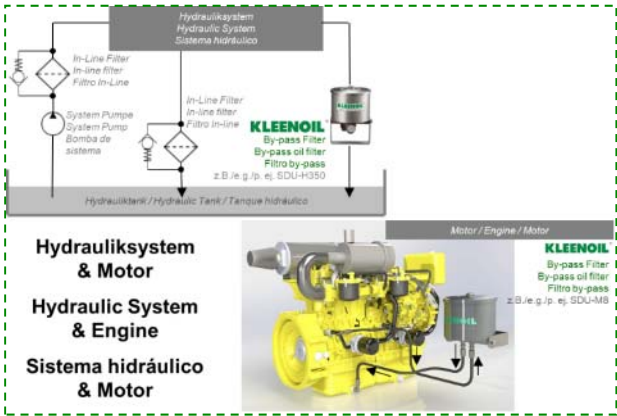
KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology 

SDU-H350RK-TWIN & -M8 / LIEBHERR Bagger

SDU-H350RK-TWIN & -M8 / LIEBHERR Excavator

SDU-H350RK-TWIN & -M8 / Excvadora LIEBHERR



Motoröl
Motor Oil
Aceite para motores

Hydrauliköl
Hydraulic Oil
El aceite hidráulico

KLEENOIL®
Microfiltration

PANOLIN®
Swiss Oil Technology

1S-24V-250 & HDU-M8 / CAT (Deiss, CH)

1S-24V-250 & HDU-M8 / CAT (Deiss, CH)

1S-24V-250 & HDU-M8 / CAT (Deiss, CH)

