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Ponsse paints



SPRAY CANS

Description		No.
Dark grey	RAL7021	0035832
Light grey	RAL7005	0035833
Yellow (MB engine machines)	RAL1003	0064178
Silver grey (MB)		0060823
Old grey (aluminium frames)	446C	0035820
Matt black	TM121	0029595
Yellow (yellow-green machines)	VOV80	0029611
Green	TM293	0029603



3-LITRE CONTAINERS

Description		No.
Dark grey	RAL7021	0029758
Light grey	RAL7005	0029752
Yellow (yellow-green machines)	RAL1028	0029761
Yellow (MB engine machines)	RAL1003	0064938

Description		No.
Green	TM293	0035816
Old grey (aluminium frames)	446C	0035811
Yellow RAL	PONSSE 1003	0067143



1-LITRE CONTAINERS

Description	No.
Silver grey, MB	0062047
Paint thinner 10	0035824

Oils

For all of the oils stated below, the oil change interval for PONSSE forest machines equipped with Mercedes Benz engines is at least 600 hours.



MOTOR OILS

The size of the desired vessel is added after the item number. For example, the item number is 0056733 when ordering Turbo LXE 10W-30 motor oil. By adding the number 20 after the item number (005673320), you will receive a single 20-litre vessel of that particular motor oil. For bulk oil, the item number is left unchanged.

TURBO LXE 10W-30

No.	bulk	200L barrel	20L vessel
0056733	x	x	x

Semi-synthetic diesel motor oil.

TURBO LXE 10W-40

No.	bulk	200L barrel	20L vessel
0064490	x	x	x

Synthetic oil.

TURBO LXE 15W-40

No.	bulk	200L barrel	20L vessel
0061074	x	x	x

Mineral oil.

TURBO SUPER 10W-40

No.	bulk	200L barrel	20L vessel
0061072	x	x	

Neste Turbo Super is a synthetic special oil for high-power diesel engines with extended oil change intervals.



TRANSMISSION OIL

The size of the desired vessel is added after the item number. For example, the item number is 0056733 when ordering Turbo LXE 10W-30 motor oil. By adding the number 20 after the item number (005673320), you will receive a single 20-litre vessel of that particular motor oil. For bulk oil, the item number is left unchanged.

HYPOIDI MP 80W/140 GL-5

No.	bulk	200L barrel	20L vessel
0055312		x	x

Neste Hypoidi MP is a general transmission oil series with extreme pressure additives. It is manufactured from solvent-refined paraffin or naphthenic basic oils. The oils contain efficient antioxidants, antifoaming agents, pressure additives, and additional agents that strengthen the lubrication coating.

HYPOIDI MP 80W/90 GL-5

No.	bulk	200L barrel	20L vessel
0033762	x	x	x

Neste Hypoidi MP is a general transmission oil series with extreme pressure additives. It is manufactured from solvent-refined paraffin or naphthenic basic oils. The oils contain efficient antioxidants, antifoaming agents, pressure additives, and additional agents that strengthen the lubrication coating.

HYPOIDI LS 80W/90

No.	bulk	200L barrel	20L vessel
0033713		x	x

Neste Hypoidi LS 80W-90 is a multigrade gear oil with extreme pressure additives, containing the additives required for the flexible operation of a limited slip differential. The oil is manufactured from solvent-refined paraffin and contains efficient antioxidants, and additives that prevent foaming, wear and corrosion.

ATF-X

No.	bulk	200L barrel	20L vessel
0039250			x

A multipurpose oil for automatic transmissions. In Ponsse forest machines, ATF-X is used in torque converter transmissions.



HYDRAULIC OIL

The size of the desired vessel is added after the item number. For example, the item number is 0056733 when ordering Turbo LXE 10W-30 motor oil. By adding the number 20 after the item number (005673320), you will receive a single 20-litre vessel of that particular motor oil. For bulk oil, the item number is left unchanged.

SYNHYDRAULI 15

No.	bulk	1000L container	200L barrel	20L vessel
0033746		x		

Fully synthetic hydraulic oil. In Ponsse forest tractors, the oil is mainly used in pneumatic brakes.

HYDRAULI 32 SUPER

No.	bulk	1000L container	200L barrel	20L vessel
0033837	x		x	

A Super-class multigrade hydraulic oil for outdoor use.

HYDRAULI 46 SUPER

No.	bulk	1000L container	200L barrel	20L vessel
0033829	x	x	x	x

A Super-class multigrade hydraulic oil for outdoor use.

BIOHYDRAULI SE 46

No.	bulk	1000L container	200L barrel	20L vessel
0033711	x			

A fully synthetic biodegradable hydraulic oil.

BIOHYDRAULI SE 68

No.	bulk	1000L container	200L barrel	20L vessel
0067523				

HYDRAULI 68 SUPER

No.	bulk	1000L container	200L barrel	20L vessel
0033828	x		x	

A Super-class multigrade hydraulic oil for outdoor use.

Radiator fluids



NESTE ZERO HD100 green

No.
0033720

A monoethylene glycol-based radiator fluid. Congealing point -33 °C max. (50% vol.)

NESTE ZERO HD100 green 10L

No.
003372010

A monoethylene glycol-based radiator fluid. Congealing point -33 °C max. (50% vol.)

NESTE 7735 XLC red

No.
0061358

An ethylene glycol-based radiator fluid. Frost resistance 50%, mixture -37 °C. Recommended radiator fluid for Ponsse forest machines equipped with Mercedes-Benz engines.

NESTE 7735 XLC red 10L

No.
006135810

An ethylene glycol-based radiator fluid. Frost resistance 50%, mixture -37 °C. Recommended radiator fluid for Ponsse forest machines equipped with Mercedes-Benz engines.

NESTE 7720 BIO

No.

0062050

Neste Biojäähdytinneste (propylene glycol) is a radiator fluid that is harmless to the environment. Frost resistance 50%, -34°C

Vaseline



NESTE 741020 EP00

Volume

No.

20L/18 KG

0033804

For winter use in centralised lubrication (Twinheavy) -30 °C – +20 °C. Operating temperature range -35 °C – +100 °C. Neste Center Grease 00 EP is a semi-fluid grease which is manufactured with a lithium complex thickener and contains anti-corrosion and EP additives. Because of its structure, it can be easily pumped in the central lubrication systems of vehicles operating in low temperatures.
Special features: - Suitable for central lubrication systems of vehicles - Good pumping capacity - Suitable for central lubrication systems of vehicles - Good pumping capacity - Good anti-rust properties - Good anti-wear capacities - Reliable in low temperatures - Adheres firmly to metal surfaces.

NESTE 724020 EP1

Volume

No.

20L/18 KG

0061307

For summer use in centralised lubrication (Twinheavy) -15 °C – +30 °C. Neste Yleisrasva EP is manufactured from high-quality lithium soap and solvent-refined basic oils. The grease contains efficient pressure additives, antioxidants and additional agents that prevent wear and corrosion.
Special features of Neste Yleisrasva EP: - Multiple uses, a large operating temperature range - Good anti-wear and pressure resistance capacities - Good oxidation stability high drop point - Water repellent, good anti-rust features - Good mechanical endurance, adheres to metals - Good pumping capacities in central lubrication systems. Operating temperature range - Good anti-wear and pressure resistance capacities

NESTE 725020 EP2

Volume

No.

20L/18 KG

005678420

Neste Yleisrasva EP2. Neste Yleisrasva EP 2 is recommended for general use in industrial lubrication sites, also in impact-type loads. It is also suitable for general and bearing lubrication in vehicles and work machines.

WURTH 0890400

Volume

No.

400 G tube

0061457

Wurth lubrication vaseline. A mineral oil-based lithium grease for general use. A general vaseline for the lubrication of roller, ball and slide bearings, and general lubrication. Thermal resistance -30 °C – +130 °C

WURTH 0890401 BLACK GRAFIT

Volume

No.

400 G tube

0061456

Wurth lubrication vaseline. A high-quality graphite grease with MoS2 for heavily loaded sites. Heavily loaded roller, ball and slide bearings, joints, skids and guideways. Thermal resistance -30 °C – +130 °C

NESTE 701063 MP GREASE

Volume

No.

400 G tube

0066646

Neste multi-purpose grease. A high-quality lithium-based grease for vehicles and work machines.

NESTE 702600 OH GREASE

Volume

No.

10X400 G

0068154

A Neste calcium-based, sticking and water-resistant special grease for demanding lubrication sites in work machines.

Marking paints



PONSSE LOGGER'S COLOR RED

Volume	No.
10L vessel	0064719
200L	0064717

For painting timber in forest work. Red.

PONSSE LOGGER'S COLOR BLUE

Volume	No.
10L vessel	0064718
200L	0064716

For painting timber in forest work. Blue.

Chain oil



EKO100+KESÄSTRONG 10L RAP

Volume	No.
10L vessel	0064130

Altac chain oil. The product is 97% pressed rapeseed/rub-seed oil, 2% raw rubber/vegetable oil product and 1% of a product which contains 54–58% of harmless acrylic polymer, and the rest comprises a compound of distillates (crude oil).

SITKO additive

Volume	No.
20L vessel	0066800

SITKO is an oil additive which is designed for toughening mineral-based oils into chain oils. Mixing ratio 4%.

SITKO is an oil additive intended for toughening clear waste oils into chain oils. Sitko provides oil with adherence, also ensuring a good lubrication for the flange and the top wheel at a high chain speed. SITKO easily mixes with oil at a normal repair shop temperature, and the mixing can be carried out either mechanically or by means of pressurised air.

20 litres of Sitko is good for 500 litres of high-quality chain oil.

Glues

0066686 PROPERTIES OF FLANGE AND THREAD SEALANT 4000T:



No best before date, i.e. does not expire • Clean and easy to dose, single component • Colour: orange • Paste-like consistency, does not drip • Fills in even large clearances, gap filling 0.020 in. • Also applicable for negative clearances • High temperature resistance, temperature range -55 – +150° (-67 – +302° F) • High-pressure resistant, min. 350 bar • Max. thread size M80, 2" • Hardening time 5–15 min. • Vibration and shock resistant. Does not contain solvents • Does not contain silicone or Teflon • Anti-corrosive • Replaces regular sealants • Replaces hemp, tape, pastes and putties • Joint can be detached using normal hand tools.

0066687 PROPERTIES OF LOCKING GLUE 690:



Anaerobic glue 690 is a high-strength glue for permanent locking of axles, bearings, sleeves, threads and cylindrical pieces. The idea is not to remove the glue during servicing. 690 is highly chemical resistant and able to endure high tolerances and high mechanical forces. It can also be used on oily or moist surfaces. Colour: Green • Gap filling: 0.01 in. • Temperature range: -55 – +150°C (-67 – +302°F). Torque strength: 55–70 Nm • Hardening time: ca. 2–5 min. • Hardening time (mechanically processable): 1–3 h • The product does not expire; no storage temperature limitations.

0066688 ACTIVATOR A-2000



ACTIVATOR A2000 is an accelerator that speeds up the hardening of locking fluids and flange and thread sealants. The hardening of the activated surfaces begins 20–120 seconds after the surfaces have been joined. A2000 is recommended for large clearances and when working at a temperature of less than 5°C (41°F), also for active materials. A2000 is used for passive/non-active materials.



CHEMICALS

Description	No.
Galss cleaner spray	0029777
Cleaner spray	0029686
Rost-off	0029744
Cold spray	0029645
Tar spray	0061523
Vaseline spray	0042440
Instant glue	0030777
Threadlocker, medium strength	0055256
Threadlocker, high strength	0061860
Bearing fit	0062479
Hydraulic sealant	0055258
Liquid thread sealant	0056157
Surface sealant, orange	0062639
Super RTV-silicone	0062476
Silicone stick	0056146
Lock oil	0062478
Hand cleaner 1 L	0062480
Pineline power wash 10 L	0062020



MAKE USE OF FOREST ENERGY

PONSSE BIOENERGY

PONSSE  BIOENERGY

PONSSE Bioenergy products make the harvesting and transporting of energy and small wood flexible and efficient.

Multi-stemming is a method to process more than one tree at the same time, making harvesting significantly more productive. Multi-stemming allows efficient simultaneous harvesting of round wood and energy wood thus increasing the yield. All standard PONSSE harvester heads are suitable for multi-stemming either as such or equipped with minor optional equipment. The control function is a standard feature in the latest version of the Opti4G information system. The PONSSE EH25 energy wood harvester head is a specially designed for sites where feeding and delimiting are not needed

The **PONSSE LoadOptimizer load scale** weights, sorts, saves and manages load data automatically while working.

Mechanically or hydraulically variable load areas in forwarders bring flexibility for transporting forest residues: the capacity can be maximized to its full extent, and sorting becomes easier.

A logger's best friend

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