

# LUBRICANTS & ACCESSORIES

Bobcat lubricants are designed to provide optimal protection that adapts to the working conditions, resulting in improved soot handling, wear protection, and resistance to breakdown under high temperatures



# LUBRICANTS & ACCESSORIES



## WHY NEW GENERATION ENGINE OILS?

Regulations on emissions reduction, influence of engine design and qualitative levels of lubricants. Bobcat Ultra Engine Power SAE 10W/30 and 15W/40 use the latest additive technology to protect under the most severe engine conditions found in modern low-emission engines. The oils are designed to provide optimal protection that adapts to the working conditions – resulting in improved soot handling, wear protection and resistance to breakdown under high temperatures. The low-ash formulation helps protect the exhaust catalyst and particle filters as used on the latest low-emission vehicles – making. It makes the oil suitable for the most modern low-emission heavy-duty engines.

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**TIER III / Stage IIIA Engines**

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**TIER IVi / Stage IIIB Engines**

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**TIER IV / Stage IV Engines**

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**TIER IV / Stage V Engines**

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# BOBCAT BRANDED LUBRICANTS

## BOBCAT BRANDED LUBRICANTS

- Better dispersion to work with higher levels of soot
- Better detergency to minimise deposit formation
- Suitable with Ultra Low Sulphur Fuel (ULSF – 10 ppm) and 50 ppm sulphur content fuels
- Designed to fully meet the requirement of engines fitted with EGR (Exhaust Gas Recirculation) Valve to reduce emissions of NO<sub>x</sub> (Nitrogen Oxides)
- Superior protection against corrosion caused by acidic by-products of the combustion process
- Better compatibility with new seals used in new generation engines
- Improved protection with the higher operating temperature typical of the new low emission engines





# ENGINE OILS

## CI-4 ENGINE OILS FOR TIER III / STAGE IIIA ENGINES

The engine power oils are intended for the Bobcat equipment requiring API CI-4 or ACEA E7 engine oils and not in need of lower SAPS engine oils (API CJ-4 / CK-4 and or ACEA E9). May also be used in other earthmoving machines. Please refer to the owner's manual of the product.

### ▶ Bobcat Engine Power SAE 10W/30

#### MAIN CHARACTERISTICS

- Synthetic based
- Provides superior lubrication at low temperature start-ups (-25°C)
- All-season protection
- Best protection for new and older engines, not equipped with emission reduction systems.
- Low evaporability, less top-ups required
- Also suitable for petrol engines
- Excellent dispersion, minimizing the formation of sludge and deposits

#### CLIMATE: NORTH CONTINENTAL

For engines with emission reduction systems, such as DPF: No

#### INTERNATIONAL STANDARDS

- API CI-4
- ACEA E7

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987789A	6987789B	6987789C	6987789D

### ▶ Bobcat Engine Power SAE 15W/40

#### MAIN CHARACTERISTICS

- Low evaporability, less top-ups required
- All-season protection
- Best protection for new and older engines, not equipped with emission reduction systems
- Also suitable for petrol engines
- Excellent dispersion, minimizing the formation of sludge and deposits

#### CLIMATE: NORTH CONTINENTAL

For engines with emission reduction systems, such as DPF: No

#### INTERNATIONAL STANDARDS

- API CI-4
- ACEA E7

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987790A	6987790B	6987790C	6987790D

## CJ-4 ENGINE OILS FOR TIER IV / STAGE IV ENGINES

The engine power oils are intended for the Bobcat equipment not in need of lower SAPS engine oils meeting API CJ-4 and or ACEA E9. May also be used in other earthmoving machines. Please refer to the owner's manual of the product.



### ▶ Bobcat Ultra Engine Power SAE 10W/30

#### MAIN CHARACTERISTICS

- Lower SAPS oil
- Synthetic based
- Provides superior lubrication at low temperature start-ups (-25°C)
- All-season protection
- Best protection for new and older engines with emission reduction systems.
- Low evaporability, less top-ups required
- Also suitable for petrol engines
- Excellent dispersion, minimizing the formation of sludge and deposits
- Certified enhanced lifetime of the emission control system

#### CLIMATE: NORTH CONTINENTAL

For engines with emission reduction systems, such as DPF: Yes

#### INTERNATIONAL STANDARDS

- API CJ-4
- ACEA E9/E7

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987818A	6987818B	6987818C	6987818D

### ▶ Bobcat Ultra Engine Power SAE 15W/40

#### MAIN CHARACTERISTICS

- Lower SAPS oil
- All-season protection
- Best protection for new and older engines with emission reduction systems
- Low evaporability, less top-ups required
- Also suitable for petrol engines
- Excellent dispersion, minimizing the formation of sludge and deposits
- Certified enhanced lifetime of the emission control systems

#### CLIMATE: NORTH CONTINENTAL

For engines with emission reduction systems, such as DPF: Yes

#### INTERNATIONAL STANDARDS

- API CJ-4
- ACEA E9/E7

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987819A	6987819B	6987819C	6987819D

### BOBCAT ENGINE OILS RECOMMENDED OUTSIDE TEMPERATURE RANGES



# CK-4 ENGINE OILS FOR TIER IV / STAGE V ENGINES

Latest generation of Bobcat High Performance Low SAPS engine oils meeting API CK-4 or ACEA E9/E7 standards and suitable for Euro V and Euro VI heavy-duty diesel applications, including: modern, high-output, low-emission engines fitted with emission control systems using DPF, SCR, DOC and EGR technologies. It is also suitable for older turbocharged and naturally aspirated diesel engine generations, both on-highway and off-highway, running on low or ultra-low Sulfur diesel and bio-diesel. May also be used in other earthmoving machines and previous generations of Bobcat machines.



## ▶ Ultra Engine Power SAE 10W/30

### CLIMATE: NORTH CONTINENTAL

For engines with emission reduction systems, such as DPF: Yes

### INTERNATIONAL STANDARDS

- API CK-4
- ACEA E9/E7

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	7341377A	7341377B	7341377C	7341377D

## ▶ Ultra Engine Power 15W/40

### CLIMATE: SOUTH CONTINENTAL

For engines with emission reduction systems, such as DPF: Yes

### INTERNATIONAL STANDARDS

- API CK-4
- ACEA E9/E7

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	7395725A	7395725B	7395725C	7395725D



# HYDRAULIC/HYDROSTATIC OILS

Special all-season high performance lubricants for hydraulic/hydrostatic systems designed and recommended for all Bobcat equipment. This unique, custom blended fluid with the finest base oils and additives meeting Bobcat Engineering's stringent specifications for quality and reliability.

## ▶ Bobcat Superior SH Hydraulic/Hydrostatic

Bobcat Hydraulic/Hydrostatic fluid is a special blend of high quality lubricants designed to provide optimum flow at subzero temperatures yet maintain excellent stability during periods of high temperature use. Bobcat's Hydraulic/Hydrostatic fluid formula cannot be duplicated from off-the-shelf hydraulic fluids.

### MAIN CHARACTERISTICS

- The same premium fluid as factory fill
- High filterability: very significant reduction of filter plugging phenomena
- 100% shear stable – Maintains superior performance under operating conditions unlike standard hydraulic lubricants
- Excellent thermal stability: high performance at high temperatures
- Very low deposit formation
- Excellent pumpability / start-ups at low temperatures
- Very high anti-wear properties
- Low evaporability, less top-ups
- Ensures seal performance and protects critical bearings, cylinder and gears
- Removes heat and wear debris and keeps the system clean
- Special anti-foaming agent to assure proper functioning of the systems

### PERFORMANCE LEVEL

- DIN 51524 Part 3 HLP
- FZG 10 pass

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987791A	6987791B	6987791C	6987791D

## ▶ Bobcat Bio Hydraulic SBH Synthetic

Bobcat Biodegradable Hydraulic Oil is a premium, high performance environmentally friendly hydraulic oil designed to provide outstanding systems performance.

### MAIN CHARACTERISTICS

- Biodegradable and environmentally friendly – 100% synthetic biodegradable hydraulic lubricant on HEES synthetic esters (not of vegetable origin)
- Can be mixed with Bobcat Superior SH and conventional hydraulic oils (if blended, performance and biodegradability will be compromised)
- Excellent thermal stability: high performance at high temperatures
- Very low deposit formation
- Excellent pumpability / start-ups at low temperatures
- Very high anti-wear properties
- Low evaporability, less top-ups
- Removes heat and wear debris and keeps the system clean

### PERFORMANCE LEVEL

- AFNOR NFE 48–690 (dry filterability)
- AFNOR NFE 48–691 (wet filterability)
- DIN 51524 Part 4 HVLP
- Vickers I–286–S / M–2950–S
- Cincinnati Milacron P–68 / P–69 / P–70
- Lee Norse 100–1
- Jeffrey No. 87
- Ford M–6C32
- U.S. Steel 127 / 136
- B.F. Goodrich 0152
- General Motors LH–04–1 / LH–06–1 / LH–15–1
- Racine models

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM
	6987792A	6987792B	6987792C



**High performance vegetable based Biodegradable Hydraulic lubricant designed and recommended for Bobcat Roto Telescopic Handlers.**

## ► Bobcat Bio Hydraulic 32

High performance vegetable based Biodegradable Hydraulic lubricant designed and recommended for Bobcat Roto Telescopic Handlers.

### MAIN CHARACTERISTICS

- Biodegradable and Environmentally friendly – 100% biodegradable hydraulic lubricant based on vegetable oils
- Excellent pumpability / start-ups at low temperatures
- Low deposit formation
- Very high anti-wear properties
- Ensures seal performance and protects critical bearings, cylinder and gears

### PERFORMANCE LEVEL

- DIN 51524 part 3 HVLP

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987877A	6987877B	6987877C	6987877D

COMPATIBILITY WITH SEALS	
RECOMMENDED	NOT RECOMMENDED
Fluorocarbon polymers	Butyl rubber
Fluorosilicone rubber	Ethylene propylene copolymers
Nitrile rubber (>30% acrylonitrile)	Nitrile rubber (<30% acrylonitrile)
Polyacrylate rubber	Ethylene propylene terpolymers
Polyurethane rubber	Polychloroprene
Silicone rubber	Natural rubber



### BOBCAT HYDRAULIC/HYDROSTATIC OILS RECOMMENDED OUTSIDE TEMPERATURE RANGES

°C	-35	-30	-25	-20	-15	-10	-5	0	+5	+10	+15	+20	+25	+30	+35	+40	+45	+50
	BOBCAT SUPERIOR SH																	
	BOBCAT BIO HYDRAULIC SBH																	
	BOBCAT BIO HYDRAULIC 32																	

# AXLE / TRANSMISSION OIL

When you depend on performance and reliability, count on bobcat lubricants and fluids to deliver superior results in all job conditions.

- Bobcat Transmission and Differential Oil is an extra high-performance multipurpose lubricant engineered to meet or exceed transmission and certain hydraulic Oil requirements. The advanced technology is designed to optimize the performance of equipment operating in a wide range of environments and conditions.
- Bobcat Transmission and Differential Oil combines select base oils and an advanced additive package to deliver the varied lubricant performance properties required in severe duty applications.
- Bobcat Transmission and Differential Oil delivers exceptional performance in today's power train transmissions and drive axles.

## ▶ Bobcat Axle Transmission Oil

Special axle/transmission fluid designed and recommended for all Bobcat machines.

### MAIN CHARACTERISTICS

- Special friction modifiers combined with a balanced and precise blend of other components
- Suitable for a wide range of friction disc materials (graphite, paper, sintered materials, etc)
- Longer maintenance intervals
- High thermal resistance
- Recommended for axles with wet brakes, limited slip differentials and gearboxes
- UTTO = Universal Tractor Transmission Oil

### INTERNATIONAL STANDARDS

- API GL-4 Low speed/High torque

### OEM STANDARDS

- ZF TE-ML 03E, 05F, 17E, 21F
- Allison C-4
- Caterpillar TO-2
- Ford New Holland ESEN M2C86C
- Ford New Holland M2C86A/B, M2C41B, M2C48B, M2C53A, M2C134A/B/C
- Massey Ferguson M1135, M1110, M1127, M1129A, M1141
- John Deere J20C
- Case International MS1210, MS1204, MS1205, MS1206, MS1207
- DENISON HF-0/HF-1/HF-2

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM
	6987794A	6987794B	6987794C

## ▶ Bobcat Axle GL-5 LS SAE 85W/90

High performance Limited Slip Axle lubricant designed and recommended for all Bobcat machines.

### MAIN CHARACTERISTICS

- Superior protection of gears, crown wheels and pinions
- The use of a particular and specific friction modifier (Limited Slip additive) allows usage wherever an effective and lasting reduction in jerking and vibration (Stick-Slip) is required
- Recommended for heavy-duty limited slip differentials with wet brakes/clutches

### INTERNATIONAL STANDARDS

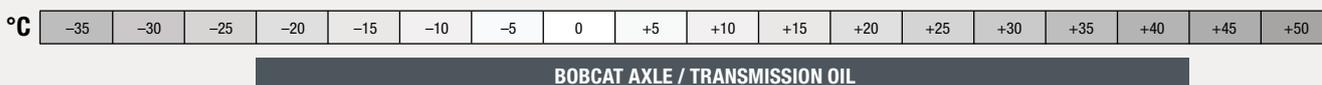
- API GL-5

### OEM STANDARDS

- ML-L-2105D

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM
	6987805A	6987805B	6987805C

## BOBCAT AXLE / TRANSMISSION OILS RECOMMENDED OUTSIDE TEMPERATURE RANGES



# BRAKE FLUID

Special brake fluid designed and recommended for Bobcat brake systems on Telescopic Handlers produced up to December 2003. Suitable also for other applications when an LHM oil is recommended. Do not mix with DOT fluids.

## ► Bobcat Brake Fluid LHM

### MAIN CHARACTERISTICS

- Suitable for all climates
- LHM = Liquid Hydraulic Minerale

### PERFORMANCE LEVEL

- NF ISO 7308
- ISO 7308
- PSA B-712710

P/N	5L CAN (BOX OF 4)
	6987795A



# COOLANT / ANTIFREEZE

Special new generation long life silicate free PG coolant/antifreeze designed and recommended for all Bobcat equipment. Suitable also for other earthmoving machines, commercial vehicles, vans and cars. Provides freeze protection down to  $-36^{\circ}\text{C}$ .

## ► Bobcat PG Coolant 4 Seasons

Long life silicate free PG coolant/antifreeze designed and recommended for all Bobcat equipment. Suitable also for other earthmoving machines, commercial vehicles, vans and cars. Provides freeze protection down to  $-36^{\circ}\text{C}$ .

### MAIN CHARACTERISTICS

- Long life (up to 5 years).
- Silicate free coolant – highly reduced deposit formation.
- Excellent anti-corrosion protection for aluminium and different alloys/materials.
- Recommended for mixed fleet cooling systems.
- 4 seasons coolant/antifreeze.
- Formulated with demineralized water.
- PG formula is substantially less toxic than EG (ethylene glycol) based antifreeze.

Base: Propylene glycol (PG) mixture  
Type: Premix – ready to use

### USAGE

- Important: do not add water.
- Before using Bobcat PG Coolant to replace EG Coolant, thoroughly flush the system.
- Do not use an ethylene glycol hydrometer to test propylene glycol base coolants.

Freezing point:  $-36^{\circ}\text{C}$

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987793A	6987793B	6987793C	6987793D



**⚠ DO NOT MIX PG & EG ANTIFREEZE.**  
This causes a significant increase in freeze point.

## ► Bobcat EG Coolant – Concentrated

High performance concentrated Ethylene Glycol coolant designed and recommended for Bobcat equipment

### MAIN CHARACTERISTICS

- High durability / protection (up to 4000 h / 5 years).
- Free of silicate, borate, amine, nitrate and phosphate Specific for aluminium radiators cooling systems in particular.

Base: Ethylene glycol (EG) based antifreeze/coolant  
Type: Concentrate – to be diluted with water.

### USAGE

- Use of deionised water recommended (soft water possible).  
Do not mix with waste, industrial or sea water.
- 50/50 mixture of coolant and water provides  $-36^{\circ}\text{C}$  protection.
- Before adding Bobcat EG Coolant to replace PG Coolant, thoroughly flush the system.

Freezing point:  $-36^{\circ}\text{C}$  (50/50 mixture)

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987803A	6987803B	6987803C	6987803D

## ► Bobcat EG Coolant $-36^{\circ}\text{C}$

High performance pre-mixed Ethylene Glycol coolant designed and recommended for Bobcat equipment.

### MAIN CHARACTERISTICS

- Free of silicate, borate, amine, nitrate and phosphate
- High durability / protection (up to 4000 h / 5 years).
- Specific for aluminium radiators cooling systems in particular
- Ready to use, pre-mixed with demineralized water.

Base: Ethylene glycol (EG) based antifreeze/coolant  
Type: Premix – ready to use

### USAGE

- Important: do not add water.
- Before adding Bobcat EG Coolant to replace PG Coolant, thoroughly flush the system.

Freezing point:  $-36^{\circ}\text{C}$

P/N	5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK
	6987804A	6987804B	6987804C	6987804D

# GREASE



## ▶ Bobcat Multi-Purpose

### MAIN CHARACTERISTICS

- High performance lithium grease for wet conditions and moderate loads.
- Excellent rust and corrosion protection for prolonged equipment life.
- Formulated with high quality base oils and anti-wear additives.
- High temperature performance with long grease life and reduced maintenance potential.

P/N	400GR – SOLD IN LOTS OF 24	DRUM OF 18KG	DRUM OF 50KG
	6987888	6987891	7031377

### APPLICATION

- Routine and moderately loaded applications.
- Ideal for high performance, high speed bearings and joints.
- Regular re-greasing required.

### SEAL COMPATIBILITY

Good seal compatibility. Protects against degradation and swelling of seal materials.

### DROP POINT

260°C

### COLOUR

Green



## ▶ Bobcat Supreme HD

### MAIN CHARACTERISTICS

- Extra high-performance lithium grease with extreme pressure additives especially suitable for axles, rings and bearings.
- Superb adhesion, structural stability and water wash out resistance for reduced leakage and extended re-lubrication for reduced usage.
- Very good anti-wear and extreme pressure performance.
- Excellent protection in wet conditions and under heavy loads.
- Ideal for lube points with sliding and pivoting movements.

P/N	400GR – SOLD IN LOTS OF 24
	6987889

### APPLICATION

- High temperature, severe and heavy loaded applications.
- Less washout and excellent anti-wear for extreme pressure performance.
- Regular re-greasing recommended.

### SEAL COMPATIBILITY

Contains polymer to add tackiness to resist “fling off” from grease collar at seal/ bushing.

### DROP POINT

From 280°C

### COLOUR

Blue



## ▶ Bobcat Extreme HP

### MAIN CHARACTERISTICS

- Extra high-performance extreme pressure grease with 3% molybdenum disulphide for increased anti-wear and low speed protection.
- Excellent adherence to all surfaces and water wash out resistance.
- Provides exceptional protection against wear and heavy shock loads, also in wet conditions.

P/N	400GR – SOLD IN LOTS OF 12
	6987890

### APPLICATION

- Designed for routine and heavy load applications.
- Long lasting, stay-put grease with excellent water and pressure resistance. Ideal for exposed joints and pivots.
- Prolonged re-greasing intervals possible if appropriate.

### SEAL COMPATIBILITY

Contains polymer and moly to add tackiness to stay put.

### DROP POINT

From 260°C

### COLOUR

Grey



## SUMMARY OF GREASE PROPERTIES

PROPERTY	MULTI-PURPOSE	SUPREME HD	EXTREME HP
Thickener type	Lithium	Lithium	Lithium
Wear resistant additive type	Anti-wear	Extreme pressure	Extreme pressure
Molybdenum (MoS)	No	No	Yes – 3%
Polymer (water wash)	Minor	Major	Major
Low temperature pumpability Automatic system	Best	Good	Poor
Low temperature pumpability hand greasing	Excellent	Excellent	Keep grease warm

# LUBRICATION CHARTS



			5L CAN (BOX OF 4)	20L CONTAINER	210L DRUM	1000L TANK	
ALL BOBCAT EQUIPMENT	ENGINE	Bobcat Engine Power SAE 10W/30 CI-4		6987789A	6987789B	6987789C	6987789D
		Bobcat Engine Power SAE 15W/40 CI-4		6987790A	6987790B	6987790C	6987790D
		Bobcat Ultra Engine Power SAE 10W/30 CJ-4		6987818A	6987818B	6987818C	6987818D
		Bobcat Ultra Engine Power SAE 15W/40 CJ-4		6987819A	6987819B	6987819C	6987819D
		Ultra Engine Power SAE 10W30 CK-4		7341377A	7341377B	7341377C	7341377D
		Ultra Engine Power SAE 15W40 CK-4		7395725A	7395725B	7395725C	7395725D
ALL BOBCAT EQUIPMENT	HYDRAULIC / HYDROSTATIC	Bobcat Superior SH Hydraulic/ Hydrostatic		6987791A	6987791B	6987791C	6987791D
		Bobcat Bio Hydraulic SBH Synthetic		6987792A	6987792B	6987792C	6987792D
ALL BOBCAT EQUIPMENT	COOLANT/ ANTIFREEZE	Bobcat PG Coolant 4 Seasons		6987793A	6987793B	6987793C	6987793D
		Bobcat EG Coolant – Concentrated		6987803A	6987803B	6987803C	6987803D
		Bobcat EG Coolant –36°C		6987804A	6987804B	6987804C	6987804D
ALL BOBCAT EQUIPMENT	AXLE/ TRANSMISSION	Bobcat Axle/ Transmission Oil		6987794A	6987794B	6987794C	
		Bobcat Axle GL-5 LS SAE 85W/90		6987805A	6987805B	6987805C	
ALL BOBCAT EQUIPMENT	BRAKE FLUID	Bobcat Brake Fluid LHM		6987795A			
ROTO TLS	HYDRAULIQUE BIODEGRADABLE	Bobcat Bio Hydraulic 32		6987877A	6987877B	6987877C	6987877D



Please note: Cans are sold in quantities of 4x 5L.

400GR GREASE	Bobcat Multi-Purpose Grease	6987888 (box of 24)
	Bobcat Supreme HD Grease	6987889 (box of 24)
	Bobcat Extreme HP Grease	6987890 (box of 12)
18KG GREASE	Bobcat Multi-Purpose Grease	6987891
50KG GREASE	Bobcat Multi-Purpose Grease	7031377



1000 liters container is the most cost effective package for any workshop. Keeping the lowest price per liter and taking up less floor space compared to the same volume stored in other packages. Convenient 1000 liters containers are available for majority of Bobcat lubricants.

# FAQ

## ► ENGINE OILS

### When can I use Bobcat Ultra Engine Power?

This oil is recommended on all engines thanks to its exceptionally high TBN value (it exceeds ACEA E9 specification), but is compulsory on all machines strictly requiring the far use of Ultra Low Sulfur Diesel (ULSD) fuel and API-CJ-4/ACEA-E9 grade engine oil.

### Can I use Bobcat Engine Power series in all engines?

Bobcat Engine Power series can also be used in all 4-stroke diesel engines, when high quality lubricants are recommended. Bobcat Engine Oils satisfy the latest American and European Specifications. This oil is not recommended with engines equipped with emission reduction systems such as DPF.

### When should I use Bobcat Engine Power SAE 10W/30 or SAE 15W/40?

Please refer to the Ambient Temperatures / Viscosity Chart.

### Can I mix Bobcat Engine Power series with Bobcat Ultra Engine Power series?

Yes. Except on the DPF equipped engines.

## ► SYNTHETIC HYDRAULIC/HYDROSTATIC OILS

### Why should hydraulic/hydrostatic fluids be changed?

Anti-wear, keep-clean, anti-foam and anti-oxidant additives are depleted with use, which reduces protection for gears, pumps and other moving parts. Also, oxidation occurs under high temperatures combined with oxygen, pressure and catalysts, causing varnishing, sticking valves, increased operating temperatures, etc. The change is needed to remove accumulated contaminants such as water, dirt and metal particles, which over time reduce effectiveness and can cause abrasive/corrosive attack on system components.

### What advantages does the Synthetic based Hydraulic oil Bobcat Superior SH offer?

The main advantages are higher performance at high temperatures, easier cold start-ups, very low deposit formation, low evaporability/less top-ups, superior stable performance during all service intervals, significant wear reduction, and several other properties. It is truly a superior product.

### Can I top up with Bobcat Superior SH if there is another lubricant inside the hydraulic system?

Of course. It is completely compatible with traditional mineral lubricants commonly used in hydraulic systems. Nevertheless, we recommend to drain completely the hydraulic system in order to maintain the excellent characteristics of Bobcat Superior SH.

## ► BIODEGRADABLE SYNTHETIC HYDRAULIC OIL

### Is Bobcat Bio Hydraulic SBH made of vegetable or animal origin esters?

No, Bobcat Bio Hydraulic SBH is made from 100% synthetic based oils. This guarantees less deposits (in particular at service temperatures higher than 60°C), improved performance, easier cold weather starting, high resistance at very high service temperatures and all the advantages that a synthetic lubricant can offer in comparison with mineral lubricants. Bobcat Bio Hydraulic SBH is quickly decomposed by micro-organisms, unlike traditional hydrocarbon lubricants.

## ► COOLANT/ANTIFREEZE

### What level of freezing protection does Bobcat PG Coolant guarantee?

Up to -36°C. Please remember that Bobcat PG coolant is ready to use, no need to add water.

### What does "silicate free" coolant/antifreeze mean? Why is Bobcat PG Coolant formulated with demineralized water?

It means that the additives used do not contain silicates. This prevents deposits and plugging in the cooling systems. Furthermore, if water is too hard it could cause deposit formation and plugging areas in radiators. Hence the use of demineralized water.

### Can I top up with Bobcat PG Coolant radiators of machines made by other manufacturers?

We obviously recommend to flush the system thoroughly with water before using Bobcat PG (Propylene Glycol) Coolant to replace an Ethylene Glycol (EG) based coolant and/or other kinds of coolants (i.e. silicate based).

## ► AXLE/TRANSMISSION OIL

### What are the main advantages of Bobcat Axle/Transmission Oil?

It is specifically developed for axles and transmissions. This product guarantees superior anti-wear protection, excellent anti-noise properties (also in very severe duty applications), better EP (extreme pressure) and anti-foam properties.

# PUMPS

## ▶ Manual action pump for drums (0.5 litre/stroke)

Manual action pump for transfer of oil, coolant and diesel fuel from drums. Easy to install, simple to operate, dependable and efficient.



### FEATURES

- Made from aluminium and steel
- Suitable for 210 litre and 50 kg drums
- Delivery per stroke: 0.5 litre
- 2" connector for drums integrated in the body

### COMPLETE WITH:

- Strong telescopic suction
- 1.5 metre transfer hose
- with rigid spout

**P/N: 6986470**

**⚠ TO AVOID THE RISK OF CONTAMINATION, DO NOT USE THE SAME PUMP FOR DIESEL, COOLANT AND OIL (UNLESS PROPERLY CLEANED BEFOREHAND)**



## ▶ Kit for oil transfer

Air-operated oil kit suitable for sucking oil directly from drums and tanks. The use of highest quality materials and accurate assembly guarantee reliability and durability.



### FEATURES

### COMPLETE WITH:

- Air-operated oil pump
- Air pressure regulator with lubricator
- 4 metre transfer hose 1/2" R1T
- Delivery nozzle with electronic metre, rigid end with no-drip valve

**P/N: 6986472** Kit for oil transfer for 210 litre drum

**P/N: 6986473** Kit for oil transfer for 1000 litre tank



## ▶ Manual action pump for drums with flowmeter (0.2 litre/stroke)

Manual action pump for transfer of oil, coolant and diesel fuel from drums. Easy to install, simple to operate, dependable and efficient.



### FEATURES

- Made from aluminium and steel
- Suitable for 210 litre and 50 kg drums
- Delivery per stroke: 0.2 litre
- 2" connector for drums integrated in the body

### COMPLETE WITH:

- Strong telescopic suction
- Electronic flowmeter
- 3 metre transfer hose
- Delivery nozzle with rigid end with no-drip valve

**P/N: 6986471**



## ▶ Kit for oil transfer with hose-reel

Air-operated oil kit suitable for sucking oil directly from drums and tanks. The use of highest quality materials and accurate assembly guarantee reliability and durability.



### FEATURES

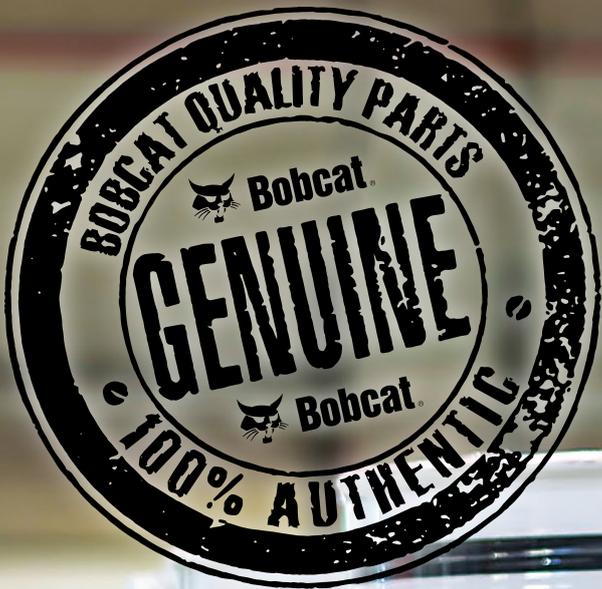
#### COMPLETE WITH:

- Air-operated oil pump
- Air pressure regulator with lubricator
- Automatic hose-reel
- 15 metre transfer hose 1/2" R1T
- 2 metre connection hose between pump and hose 1/2" R1T
- delivery nozzle with electronic metre, rigid end with no-drip valve

**P/N: 6986474** Kit for oil transfer for 210 litre drum

**P/N: 6986475** Kit for oil transfer for 1000 litre tank





Genuine Bobcat Lubricants



**Bobcat.**

*One Tough Animal.*

Genuine Bobcat Lubricants

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Genuine Bobc



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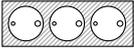
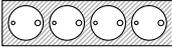
18/B/FN1300

# STORAGE & TRANSPORTATION



## ► Containment tanks

- Containment tanks made of powder coated steel with zinc-coated grate
- Manufactured according to the latest regulations for storage of fluids
- Minimum height in order to allow easier drum loading

MODEL	L × P (MM)	P/N
 for 1 drum of 210 litres	900 × 900	6986480
 for 2 drums of 210 litres	1500 × 900	6986481
 for 3 drums of 210 litres	2000 × 900	6986482
 for 4 drums of 210 litres	2800 × 900	6986483
 for 4 drums of 210 litres or 1000 litres	1400 × 1400	6986484

## ► Trolley for drums

Heavy duty trolley consisting of a tubular structure, zinc-coated, for moving drums.

### FEATURES

- Suitable for 200 and 50 kg drums
- 4 wheels, 2 fixed and 2 swivel (with or without brake)

**P/N: 6986476** 4-wheel trolley for 200 kg drum

**P/N: 6986477** 4-wheel trolley for 200 kg drum with brake

**P/N: 6986478** 4-wheel trolley for 50 kg drum

**P/N: 6986479** 4-wheel trolley for 50 kg drum with brake



## ► Tank for waste oil

Container for collection and storage of waste oils, manufactured in compliance with the applicable regulations. Made of high-density polyethylene, offering high mechanical and thermal resistance, as well as resistance to UV rays and atmospheric agents. For these reasons, it is suitable for outdoor installation and can be mounted on any level surface or on the ground.

- Comprises 2 tanks: an internal one to collect the product and an external one acting as a safety tank and for leak containment
- The top section is fitted with a large hatchway with a flip-over lid with built in filter-draining container

### IN ADDITION, THE TANK IS EQUIPPED WITH:

- Level indicator, visible outside
- Leak warning light
- Oil-drain opening 500 × 300 mm
- Dimensions: Ø 1000 mm × h 1350 mm

**P/N: 6986469**

# GREASE GUNS & FUNNELS

## ► Heavy-Duty pistol grease gun



- Heavy Duty Pistol Grease Gun is convenient for easy one-hand greasing operation
- 18" flex hose extension for hard-to-reach fittings
- Develops up to 7,000 PSI (480 Bar)
- 3-way loading – standard cartridge, suction or bulk fill
- Maintains pressure and grease flow on short strokes in confined spaces
- Rugged, chrome plated finish handle for maximum corrosion protection
- Oil-resistant, contoured grip for comfort and sure-handed grip
- Tough, full-molded follower allows a superior seal and eliminates grease bypass
- Ergonomically designed T-handle provides positive grip and easy filling at any position
- Non-drip cap
- Outputs 115 g of grease per 100 strokes

**P/N: 6988782** 45 cm (18") Flex Hose ext. – 7000 psi max

**P/N: 6988785** 30 cm (12") Flex Hose ext. – 4500 psi max

**P/N: 6988786** 45 cm (18") Flex Hose ext. – 4500 psi max

**P/N: 6662067** 45 cm (18") Flex Hose ext. – 2500 psi max

**P/N: 6988791** Replacement Tip

**P/N: 6988787** 45 cm (18") Replacement Flex Grease Hose – 4500 psi max

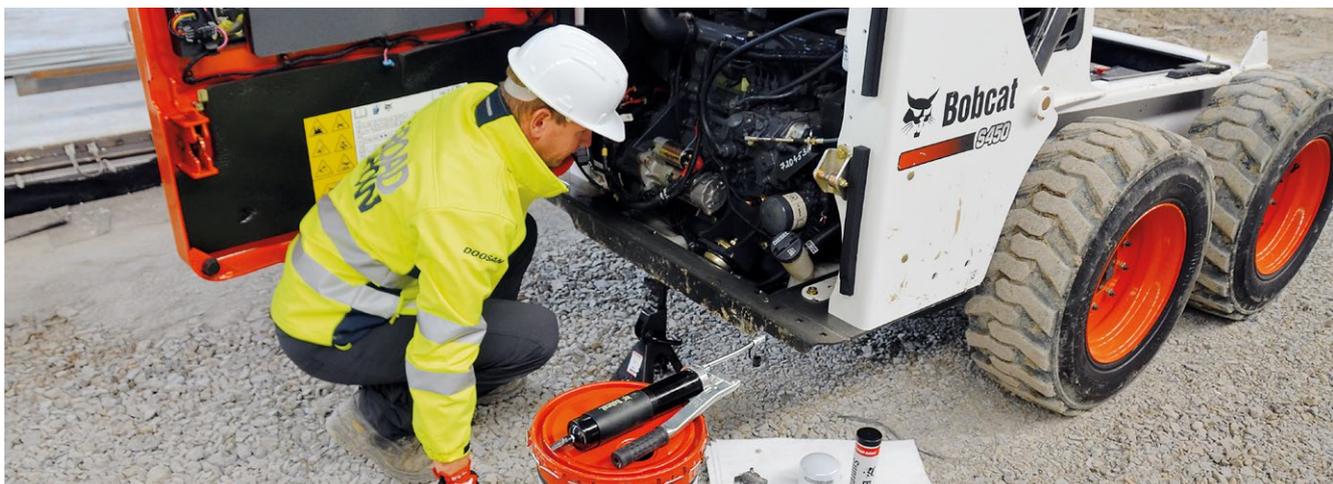
## ► Heavy-duty grease gun



- develops up to 10,000 PSI (690 Bar)
- Handy 3-way loading – standard cartridge, suction or bulk fill
- Maintains pressure and grease flow on short strokes in confined spaces
- Contoured lever helps develop more pressure with less effort
- Cushioned, oil-resistant grip assures firm grip for comfort and safer operation
- Follower rod lock prevents accidental grease discharge while loading and helps easy loading at any position
- Ergonomically designed T-handle provides positive grip
- Non-drip cap
- Outputs 160 g of grease per 100 strokes

**P/N 6988783** Lever gun with 15 cm (6") extension

**P/N: 6662067** 45 cm (18") Flex Hose ext. – 2500 psi max



## ► Grease gun caddy

Bobcat Grease Gun Caddy is a neat and professional way to store grease guns. This versatile product accommodates either flexible hose or rigid pipe grease guns. It has a small catch tray at the bottom to solve the issue of any grease drips on the shop floor or workbench. The Caddy can be mounted almost anywhere – on shop walls, toolboxes, service trucks or workbenches. Black Grease Gun Caddy with white Bobcat decal is sold in multiples of two.



**P/N: 6903983**

## ► Grease gun holders

The grease gun holder has a corrosion resistant finish, and a simple snap-action clamp to secure the grease gun. This versatile product accommodates standard grease guns and suction guns with a 2–1/4" outside diameter barrel. This grease gun holder can be mounted on machines or in the shop using two screws (not included).



**P/N: 6988784**

## ► Grease joint rejuvenator

Have you ever tried to force grease through a grease joint or fitting and couldn't? Grease Joint Rejuvenator opens clogged grease joints and fittings in less than 1 minute. Works on all farming, excavating, construction, and industrial equipment, as well as aircraft, automobiles, trailers, and many more.

**HOW?** The Grease Joint Rejuvenator injects a light viscosity oil into the grease fitting (with the force of a piston), breaks up and removes dirt, rust or debris, loosens old hard grease and pushes the new grease into place.



**P/N: 6902852**

Grease Joint Rejuvenator Professional Includes a 12,5 cm (5") flex hose for hard-to-reach fittings.

**P/N: 6902853**

Grease Joint Rejuvenator Pocket Model. Small enough to fit in your pocket, big enough to do the job right. The Pocket Model Grease Joint Rejuvenator works the same way as the Professional Model, but is small enough to fit in your pocket. Especially handy for small equipment.

## ► Funnels

### 1. GALVANIZED UTILITY FUNNEL

1.4 litre capacity funnel with a 35 cm flexible metal spout. Equipped with a brass screen to prevent large particle contamination, this galvanized steel funnel has a 53 cm overall length, a diameter of 16.5 cm and a tip with an outside diameter of 1.3 cm.

### 2. CLEAN FUNNEL WITH CAP

Bobcat branded, black 1.4 litre clean funnel with screw-on caps at both ends and a flexible spout to eliminate spills, drops and contamination.



### 3. ALL PURPOSE UTILITY FUNNEL

All purpose utility funnel with extra long neck to reach out of the way spots. 46 cm overall length, 12.7 cm diameter and a tip with an outside diameter of 1.3 cm.



**P/N: 6988797**

**P/N: 6722845**

**P/N: 6988796**

# OIL ANALYSIS KIT



## INTRODUCTION

Fluids and lubricants during their life accumulate wear metals, contaminants and other substances. The oil analysis is a preventive maintenance tool based on monitoring the condition of the components through the analysis of the oil during operation. The test evaluates the proper working of the lubricated parts and identifies problems such as contamination by fuel, coolant, etc. It also evaluates the oil degradation.



## WHY THE BOBCAT OIL ANALYSIS?

- Check the contamination levels of both engine and hydraulic oil, i.e. the most vital parts of your machine
- Clear diagnostic report by machine by sample
- Prevent from surprised downtime
- Oil analysis tests follow strict ISO standards

### Protect your investment!

Analysis performed by an independent, experienced laboratory, with high tech equipment to guarantee state-of-the-art analysis and quality report.

## Complete and easy to use

DESCRIPTION	PART NUMBER
Oil analysis kit (10 tests)	6987799
Pump	6987800

## Easy to manage

An effective Analysis-Kit equipped with a suction tube and bottle, to fully simplify sampling, without any spilling and/or getting dirty.

The Analysis Kit (10 samples) consists of:

- 10 sample bottles
- 5mt PTFE tube
- 10 sample data labels
- 10 transparent resealable plastic bags
- 10 plastic envelopes

## Advantages

With a simple analysis of a lubricant, it is possible to:

- know the exact state of the mechanical parts (engines, gears, differentials, etc.)
- recommend preventive maintenance work
- increase the life of lubricated parts
- prevent possible damage and/or excessive wear
- optimize the frequency of oil drain interval
- lower costs of downtime due to maintenance
- ensure greater effectiveness and efficiency of the lubricated parts and/or equipment
- achieve remarkable cost savings

# BE OM **EN OFFERT**

Klicka bara på **knappen** eller skanna **QR-koden** nedan för åtkomst till vårt offertformulär.

Vi kontaktar dig så snart som möjligt. Tack!



**BEGÄR OFFERT**

