

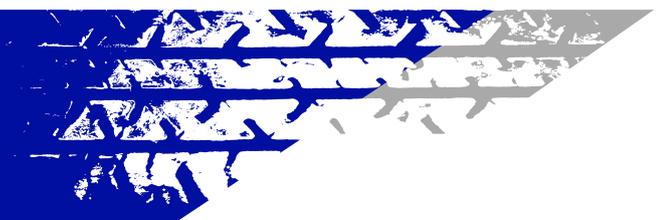


**EQUIPMENT
CARE**

LUBRICANTS, COOLANTS & FILTRATION SOLUTIONS

Genuine Protection

KOMATSU
Driven by your success



Genuine Protection

Komatsu genuine lubricants and coolants are designed to ensure you get the best performance from your machine.

Our range of Komatsu genuine lubricants incorporates a specially formulated additive package, which when combined with the highest quality base oil, provides superior protection for Komatsu equipment.

In addition to our diesel engine oil, a full range of lubricants plus two types of grease are available to provide maximum component life and equipment durability.

All Komatsu machines are filled with Komatsu genuine lubricants and coolants.

It is essential that customers continue to use these lubricants for replacement at the recommended intervals to ensure optimal machine life.

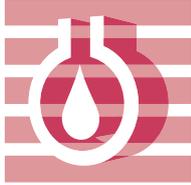
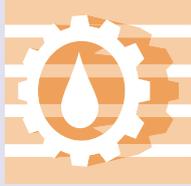
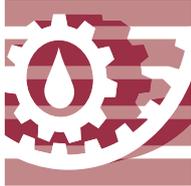
Used in conjunction with Komatsu Oil Wear Analysis (KOWA), a combination of these care solutions will help maximise your component life.

Komatsu genuine lubricants and coolants are also ideal for use in any older model Komatsu machines, as well as non-Komatsu equipment in your fleet.



Your Choice is Now Easy

Supplements our extensive range of products and services

Product	Description	Specifications	Part Number
 <p>Diesel Engine Oil 15W-40</p>	<p>This high-ash multigrade oil provides the highest levels of performance in Komatsu equipment and other Japanese built engines. Can also be used in mixed diesel fleet operations.</p>	<ul style="list-style-type: none"> • Komatsu KES 07.851.1 • JASO DH-1 • ACEA E3 • MB228.3 Type performance • API CH-4 (soot thickening & valve train wear performance) • Sulphated Ash: 1.7% - preferred ash level for Mitsubishi diesel engines 	<ul style="list-style-type: none"> • 5 ltr - 3352157 • 20 ltr - 3342449 • 205 ltr - 3342450 • 1000 ltr - 3353455
 <p>Powertrain Oil T030 Powertrain Oil T010</p>	<p>2 viscosity variants, designed for automatic, power-shift and manual transmissions. Also suitable for use in hydraulic systems, final drive cases and swing machinery where SAE 10 or 30 grade oil is specified.</p>	<ul style="list-style-type: none"> • Komatsu KES 07.868.1 • Komatsu Micro Clutch • Caterpillar TO-4 • Allison C4 • API GL1, GL2 or GL3 • API CF, CD 	<p>Powertrain Oil 10</p> <ul style="list-style-type: none"> • 20 ltr - 3345087 • 205 ltr - 3345088 • 1000 ltr - 3380202 <p>Powertrain Oil 30</p> <ul style="list-style-type: none"> • 20 ltr - 3342455 • 205 ltr - 3342456 • 1000 ltr - 3377113
 <p>Gear Oil 85W-140</p>	<p>A high viscosity, extreme pressure hypoid gear lubricant formulated for use in heavy duty gearboxes, final drives and differentials of earthmoving and excavating equipment and trucks, particularly those operating under high ambient temperatures.</p>	<ul style="list-style-type: none"> • Komatsu KES 07.861 • API Service Classification, GL5 • SAE J306b Viscosity Classification • SAE 85W-140 	<ul style="list-style-type: none"> • 20 ltr - 3345104 • 205 ltr - 3345105
 <p>Hydraulic Oil 46</p>	<p>Ideal for all types of hydraulic pumps working under medium to severe conditions.</p>	<ul style="list-style-type: none"> • Komatsu KES 07.841.1 • Komatsu HPV 35+35 Pump test • ISO VG46 • DIN 51524 Part 2 • HF-0 	<ul style="list-style-type: none"> • 20 ltr - 3349857 • 205 ltr - 3349856 • 1000 ltr - 3371499
 <p>Axle Oil AX080</p>	<p>A special high performance oil specifically designed and developed for axle units with an integrated brake or differential units. With excellent heat resistance the oil maintains the friction characteristics over an extended period and maximizes the brake performance</p>	<ul style="list-style-type: none"> • SAE J306 viscosity grade: 80W • ZF TE-ML 05F • API GL-4 • KES 07.866 	<ul style="list-style-type: none"> • 20 ltr - 3373137 • 205 ltr - 3373136 • 1000 ltr - 3385520
 <p>Hyper Grease G2-TE Lithium EP Grease G2-LI</p>	<p>HYPER GREASE G2-TE Premium performance in wet conditions, particularly off road applications where high loads, low speeds and wet conditions prevail. It can be used for plain bearings, ball & roller bearings, ball joints and bucket pins. • Komatsu KES 07.881.1</p> <p>LITHIUM EP GREASE G2-LI High performance in a variety of applications including heavy equipment high speed ball & roller bearings, wet or damp conditions, disc brake wheel bearings, particularly operating in extreme temperatures. • Komatsu KES 07.881</p>		<ul style="list-style-type: none"> • 450g - 3344516 • 20kg - 3344515 <ul style="list-style-type: none"> • 450g - 3345030 • 20kg - 3345029
 <p>Supercoolant AF-NAC</p>	<p>An advanced ethylene glycol based coolant, supplied in a ready to use 50/50 pre-mix, which provides long lasting protection against corrosion and pitting. Recommended for use in all Komatsu engines and suitable for use in wide range of modern engines.</p>	<ul style="list-style-type: none"> • Komatsu KES 07.892 • ASTM D-3306 • AS 2108:2004 Type A 	<ul style="list-style-type: none"> • 5ltr - 3351106 • 20 ltr - 3351081 • 205 ltr - 3351080 • 1000 ltr - 3351079



Komatsu Supercoolant AF-NAC

A significant number of all engine failures stem from cooling system issues

It is possible to maximise your equipment life by maintaining the cooling system with the correct use of a quality coolant.

Heavy-duty diesel coolants are fluids, which are engineered to help prolong the life of an engine, not just to keep it cool. Komatsu Supercoolant AF-NAC is a high performance, fully formulated extended life coolant that allows for extended drain periods, saving you money and saving you from downtime.

Although Komatsu Supercoolant is free from environmentally harmful Silicates, Amine and Nitrates, it does contain chemical inhibitors, together with organic acid technology to provide high levels of resistance to cavitation, pitting and rust.

Komatsu Supercoolant is designed to meet Komatsu Engineering Standards (KES) and exceeds Australian Standard AS2108 for a type A coolant.

Annual cooling system clinics can be performed by a qualified Komatsu service technician to ensure your cooling system is operating efficiently. All aspects of your machine's cooling system are inspected and a detailed report listing any recommendations is provided for you.

To promote greater efficiency and longer engine life, Komatsu offers training to all levels of your personnel on the best maintenance practices to employ regarding coolants and cooling systems.

Benefits for you and your engines

Your benefits

- » Pre-mixed for convenience
- » Reduced downtime from extended service technology
- » Improved productivity and lower operating costs for the life of your equipment
- » Requires no Supplemental Coolant Additives (SCAs) to reduce maintenance costs
- » Does not require Hazardous chemical (Hazchem) Code nor DG class for transport
- » Non-flammable

Engine benefits

- » Meets ASTM specifications for heavy duty and fully formulated engine coolants
- » Specified for use in Komatsu equipment and recommended for use in mixed fleet equipment
- » Improved liner protection
- » Reduces risk of water-pump seal leakage
- » Outstanding performance in cast iron and aluminium engines
- » Outstanding performance in aluminium alloy cooling systems

The range of genuine Komatsu Supercoolant AF-NAC

Part No.	Description	Size
3413074	Supercoolant AF-NAC	5 ltr
3413072	Supercoolant AF-NAC	20 ltr
3413073	Supercoolant AF-NAC	205 ltr
3413071	Supercoolant AF-NAC	1,000 ltr



Oil & Wear Analysis

Komatsu Oil and Wear Analysis (KOWA) is the spearhead of our Condition Monitoring Services (CMS). Your equipment is the lifeblood of your business and KOWA works like a blood test for your machine. The results gained from analysing the impurities and contaminants found in, for example, your engine, transmission or hydraulic oil is fundamental to predicting early life failure or abnormal wear rates. This is one test your equipment cannot afford to miss.

Using oil analysis provides high integrity data that can enhance maintenance planning and forecasting. Unlike other testing systems, KOWA actually analyses the operational variables to provide a more accurate report.

We can detect trend changes or detect contaminant problems accurately with KOWA. This preventative diagnostic process, combined with your scheduled maintenance will help avoid expensive and unscheduled catastrophic failures.

myKomatsu

my.komatsu.com.au is a single doorway to your Komatsu data

myKomatsu is a free online portal that provides customers with access to their KOWA data and reports. This service allows you to browse your full sample history and results, as well as provide other online tools to help you better view and understand your data. Access to this information helps customers to better identify problems and manage machine performance. You can also download or email all your reports from a single location.



Pictured above: Sample details and history

myKomatsu Advantages

- » It's free!
- » Instantly see your oil sample results in a detailed report
- » Available 24/7, anywhere you are
- » You are in control of what you see and how it is delivered to you
- » Detailed reports to give you the big and small picture of what is happening to your machines



Pictured above: Component history graph





Filtration Solutions

Filter out the particles that cause wear in your equipment.

Komatsu provide a full range of filtration solutions that are designed to screen out particles and provide vital protection for expensive, high-precision components in your equipment. These include; fuel filters, air filters, oil filters and hydraulic filters to extend the life of your equipment.

Komatsu filtration solutions are designed for both Komatsu and non-Komatsu equipment. They are made from the correct micron material and the correct size to ensure effective filtering for the entire duration of your scheduled maintenance period.

Filtration Kits

Filter kits for easy servicing

For easy ordering and supply, Komatsu offer service interval filter kits for all Komatsu equipment, including all required filters, gaskets and seals.

250hr service kit

500hr service kit

1000hr service kit

2000hr service kit



**FILTER KITS
OFFER UP TO
15% SAVINGS
ON INCLUDED
PARTS**

Fuel Filters

Keep your fuel clean and your engine performing

Komatsu fuel filters are essential for ensuring clean and uncontaminated fuel to maximise fuel injector and pump life. Komatsu fuel filters are designed to trap fine particles, which can clog and shorten the life of fuel injector nozzles. Water separators isolate water and sediment that may have contaminated the fuel by way of condensation in the tank.

Air Filters

Extend the life of your engine

Komatsu air filters are designed to ensure your engine burns clean air, to maintain performance and extend engine life. An inefficient air filter can allow dust into the combustion chambers, reducing performance and causing serious and expensive wear to cylinders and piston rings.

Oil Filters

Keep your engine clean and effective

When contamination (which is a by-product of engine combustion and wear) is removed, oil is free to do its job of maintaining engine performance and extending engine life. Komatsu oil filtration systems employ bypass filtration, either separately or as part of the full flow filter, using a combination of full flow and bypass technology. This removes soot and other by-products of combustion, which are not normally extracted through standard full flow filtration.

Hydraulic Filters

Hydraulic filters that perform under pressure

Hydraulic filters are used in the torque converter, transmission, steering and hydraulic circuits of the machine, which work under high pressure and temperature. In these circuits pressure adjusted oil passes through small orifices, so it must be clean and free of the particles caused by wear. Komatsu Hydraulic eco-white filters employ glass fibre technology to filtrate minute particles, preventing contamination of the hydraulic oil and extending filter life.





**EQUIPMENT
CARE**

Australia - Ph: 1300 566 287 | Web: www.komatsu.com.au

New Zealand - Ph: 0800 566 2878 | Web: www.komatsu.co.nz

New Caledonia - Ph: +687 43 53 06

KOMATSU

Driven by your success



FORM NO. ZESB008200_JUNE2018