



CAT OILS & GREASES



CAT OILS AND GREASES: THE BEST AND ONLY LUBRICANTS RECOMMENDED FOR CAT MACHINES

Cat lubricants are specifically designed to deliver peak performance inside Cat machines and engines, protecting your valuable assets and your bottom line.

- Exclusive Cat formulations
- Selected base oils & additives
- Rigorous proprietary testing
- Guaranteed protection & performance

Up to

500 HOURS

Cat oils can extend oil drain intervals up to 500 hours when combined with Cat SOS.

Around

40% SAVINGS

through extended life of hydraulic, transmission and final drive components.

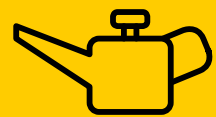
Up to

2X ENGINE

by using Cat oil and grease compared to other brands.

CHOOSING THE WRONG LUBRICANT FOR YOUR CAT EQUIPMENT CAN HAVE MANY UNDESIRABLE CONSEQUENCES

Specific oils and greases are formulated to work with specific brands, systems and machines.



Choosing the wrong oil can:

- Lead to shorter oil drain intervals
- Decrease cleanliness for piston ring components
- Hurt performance in high and low temps
- Increase performance wear
- Decrease productivity onsite
- Increase equipment downtime



Choosing the wrong grease can:

- Increase friction and wear
- Cause galling and scarring
- Increase machine downtime
- Result in costly parts and maintenance



DIFFERENT FLUIDS FOR DIFFERENT APPLICATIONS

Cat Oil Type

Application or System



HYDO

Optimised formula for hydraulic systems



Drive train

Flexible fluids for a variety of applications and components



Diesel engine (DEO)

For earthmoving, commercial, marine and highway machines



DEO-ULS






Optimum performance for engines



DEO-ULS Cold Weather Peak performance at low temperatures



DIFFERENT GREASE FOR DIFFERENT APPLICATIONS

Cat Grease Type	Application or System
	Utility Grease Grease fittings + lubrication points in low-load, low-speed applications
	Prime Application Grease fittings + lubrication points in medium-load, medium-speed applications
	Extreme Application Grease Grease fittings + lubrication points in high-load, high-speed conditions
	Ball Bearing For use in high-speed ball & roller bearing applications
	White Assembly General purpose, lithium complex grease

DIFFERENT GREASE FOR DIFFERENT APPLICATIONS

Cat Grease Type

Application or System



High Vacuum

Non-melting silicone grease used primarily for air-tight seals when assembling turbos



Hammer Paste

Lowers friction, improves tool & bushing life in hydraulic impact hammer applications



Open Gear Lubricant

A heavy duty, extreme pressure lubricant designed to provide protection on open gears



Petro Gel Amber

Protect and extend the life of Cat equipment in the most rigorous applications

CAT OILS AND GREASES IN ACTION: A CASE STUDY AN EARTHMOVING CONTRACTOR IN UGANDA



CAT OILS AND GREASES IN ACTION: A CASE STUDY AN EARTHMOVING CONTRACTOR IN UGANDA

Situation

This Ugandan firm is a local contractor in Kampala with various earth moving machines in their fleet. The company:

- > Operates 17 units
- > Used a multi-national brand of hydraulic oil
- > Operated with an oil drain interval of 2,000 hours

CAT OILS AND GREASES IN ACTION: A CASE STUDY AN EARTHMOVING CONTRACTOR IN UGANDA

Recommendation

Mantrac offered an upgrade that would change the company's operations: Cat hydraulic fluids combined with SOS. This would:

- > **Ensure machines are maintained to specification**
- > **Implement Cat HYDO Advanced 30 Genuine Fluids for cost savings**
- > **Create efficiency and savings through SOS**

Result

The company experienced significant savings after the switch:

- > **\$7,000 (20%) annual savings on hydraulic oil costs**
- > **Hydraulic oil drain interval extended to 6,000 hours from 2,000 hours through SOS monitoring**
- > **Reduced overall downtime and labor costs**

CAT OILS AND GREASES IN ACTION: A CASE STUDY

A MAJOR EGYPTIAN ELECTRICAL EQUIPMENT COMPANY



CAT OILS AND GREASES IN ACTION: A CASE STUDY A MAJOR EGYPTIAN ELECTRICAL EQUIPMENT COMPANY

Situation

This Egyptian firm provides commercial electric power generation services and is a major rental contractor for the oil and gas industry. The company:

- > Owned 615 gensets
- > Was price-sensitive because it needs to manage costs for rentals
- > Was fully independent, with qualified service technicians

CAT OILS AND GREASES IN ACTION: A CASE STUDY

A MAJOR EGYPTIAN ELECTRICAL EQUIPMENT COMPANY

Recommendation

Mantrac proposed running a free field trial with Cat DEO and SOS. The primary driver was to:

- > **Ensure machines are maintained to specification**
- > **Implement Cat DEO 15W-40 to demonstrate savings**

Result

The company experienced significant savings after the switch:

- > **\$7/hour reduction in cost**
- > **Number of oil changes per month dropped from 4 to 2**
- > **Oil drain interval increase of 40%**
- > **Reduced overall downtime and labor costs**