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# Hitachi Construction Machinery (Europe) NV

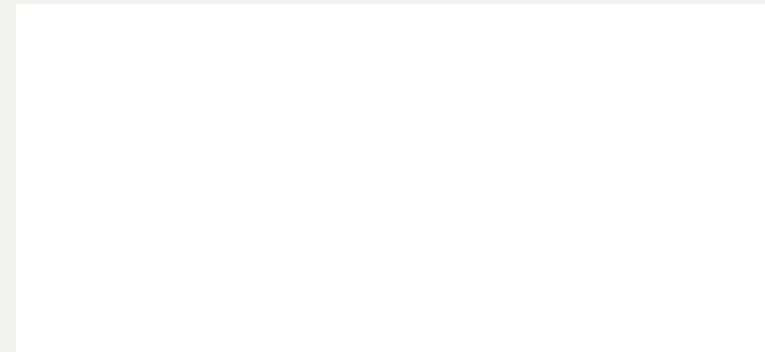
## Genuine Lubricants and Coolants

Choose the range of genuine lubricants and coolants recommended and designed by Hitachi Construction Machinery

[www.hitachicm.eu/fluids](http://www.hitachicm.eu/fluids)

**Caution for Use:**  
The specifications are subject to change without notice. Carefully read the caution printed on the container before using this product. The type of oil that can be used differs depending on the machine and the environment. Use optimum genuine lubricants and coolants parts in accordance with the instruction manuals of the machines to be operated.

For more information, please contact :



Printed in Europe



# Hitachi Construction Machinery (Europe) NV Genuine Lubricants and Coolants



## ENGINE OIL 10W40 DH-2

### Specifications

- JASO DH-2 (D031HCE002) • ACEA E9/E7 (E5)
- API CJ-4 / CI-4plus / CI-4 / SM
- DEUTZ DQC III-10 LA • MTU Category 2.1
- CUMMINS CES 20081 • MB 228.31

### Benefits

- Increases lifetime of muffler filter.
- The most rational engine lubricant choice for ZX-3, ZX-5, ZX-6, ZW-1, ZW-5 and ZW-6.
- Maintains best engine performance.



## ENGINE OIL 15W40 DH-1

### Specifications

- JASO DH-1 (D031HCE001) • ACEA E7 (E5)
- API CI-4 / CH-4 / CF / SL
- DEUTZ DQC III-10 • MTU Category 2
- CUMMINS CES 20078 / 20077 / 20076 • MB 228.3

### Benefits

- Maintains best engine performance.
- Good value for money.



## GREASE EP 2

### Specifications

- JASO DH-2 (D031HCE002) • ACEA E9/E7 (E5)
- ISO 6743-9 : L-XBCEB 2 • DIN 51 502 : KP2K -25

### Benefits

- Multi Purpose Genuine Grease EP2 may replace a wide range of greases, simplifying maintenance.
- Forms a durable lubrication film, resulting in reduced maintenance and down-time costs.
- Mixable with most other conventional soap greases.
- Does not contain lead, or other heavy metals considered harmful to human health and the environment.



## AXLE OIL HIGH GEAR GL-4 ZW-SERIES

### Specifications

- AXLE OIL HIGH GEAR TKTT15150-4th

### Benefits

- Eliminates vibrations and chatter in stressed self-blocking axles.
- Resists to extreme pressure and high temperatures.
- Provides protection against rust and corrosion.
- Provides excellent protection to gear teeth against wear and pitting, under all operating conditions.



## AXLE OIL ZX-W SERIES

### Specifications

- API GL-5-LS • MIL.L. 2105D • ZF TE ML 05C
- ZF TE ML 12C • ZF TE ML 21C

### Benefits

- Specially designed for Zaxis wheeled excavators.
- Eliminates vibrations, and resists extreme pressure and high temperatures.
- Protects against rust and corrosion, and gear teeth wear.



## PUMP TRANSMISSION OIL EX30

### Benefits

- Specially designed for large and ultra-large excavators operating in harsh environments.
- High lubricity maintains smooth gear operation.
- Safeguards against rising oil viscosity, and prevents rust and corrosion.
- Compatible with rubber seals.



## HYDRAULIC OIL 5000

### Specifications

- JASO DH-2 (D031HCE002)
- ACEA E9/E7 (E5)

### Benefits

- Excellent oxidation stability to extend the machine and oil life.
- Excellent lubrication properties to minimize wear.
- Excellent shear stability to significantly reduce changes in viscosity.



## HYDRAULIC OIL MULTI

### Specifications

- ISO VG 46 • AFNOR NF E 48-603 HV
- ISO 6743/4 HV • DIN 51524 Part 3 HVLP

### Benefits

- Very good oxidation stability ensuring a long service life of the fluid.
- Remarkable filterability.
- Excellent protection against rust and corrosion.
- Good anti-foam and air release properties.
- Good demulsibility ensuring rapid water separation.
- Easy start up at low temperature and regular operation in all seasons.



## GENUINE COOLANT -37C

### Specifications

- JASO DH-2 (D031HCE002) • ACEA E9/E7 (E5)
- ASTM D6210 • JASO M325 • MB-Approval 326.3
- DEUTZ DQC CB-14 • MTU MTL 5048 • CUMMINS
- ISUZU • HINO • KUBOTA • YANMAR

### Benefits

- Anti-freezing protection until -37C°.
- Excellent protection against rust and corrosion.
- Increases lifetime of water pump.
- Compatible with elastomeric seals.
- Contains no silicates, phosphates, chromates, nitrites or boron.



## ZW TRANSMISSION OIL 10W

### Benefits

- High level of antioxidants and detergents prevent an increase in viscosity and sludge formation even under high temperature conditions.
- Offers excellent prevention against ring conglutination, blow-by increase and output decrease under all working conditions.



## GENUINE GEAR OIL 90

### Benefits

- Highly adaptable to changes in temperature.
- Allows smooth oil circulation at low temperatures.
- Enhances oil film strength at high temperatures.
- Improves fuel consumption.

# Genuine lubricants available packages

									
	400 g	15 kg	16 kg	50 kg	5 litres	20 litres	208 litres	1 000 litres	Bulk
Engine Oil 10W40 DH-2					E0A000855	E0A000856	E0A000857	E0A000858	E0A000859
Engine Oil 15W40 DH-1					E0A000850	E0A000851	E0A000852	E0A000853	E0A000854
Grease EP 2	E0A000984 E0A001114	E0A000982		E0A000983			E0A001309		
Hydraulic Oil 5000						E0A000860	E0A000861	E0A000862	E0A000883
Hydraulic Oil Multi						E0A000925	E0A000926	E0A000927	E0A000928
Genuine Coolant -37C					E0A000986	E0A000987	E0A000988		
Axle for ZXW						E0A001275	E0A001276		E0A001519
Axle – ZW140-1 and ZW150-1						100GR-AX020			
Axle – ZW65-ZW95, ZW140-ZW550						YB00002985	YB00002984		
Transmission						E0A000585	E0A000586		
Pump Transmission						YA00018282			
Gear						E0A000633	E0A000634		

