

# TECHNICAL TIPS

## CRANES

Type of Tip:

### HC230 Fluids / Change Intervals

Necessary Tools:

**None Required**

Applicable Models:

**HC230**

*My Terex*  
CRANES

[MYTEREXCRANES.COM](http://MYTEREXCRANES.COM)



 **TEREX**

f  

# TECHNICAL TIPS

## CRANES



### Basic Safety Rules



#### Danger

Failure to follow the instructions and safety rules in the Operator's Manual and Service Manual appropriate to your machine will result in death or serious injury. Many of the risks identified in the operator's manual are also safety risks when maintenance and repair procedures are performed.

Do not perform maintenance unless:

- You are trained and qualified to perform maintenance on this machine.
- You read, understand and obey:
  - The manufacturer's instructions and safety rules
  - Employer safety rules and workplace regulations
  - Applicable government regulations
  
- You have the appropriate tools, lifting equipment and a suitable location.

The information contained in this technical tip is a supplement to the service manual. Consult the appropriate service manual for your machine for safety rules and risks.

# TECHNICAL TIPS

## CRANES



### HC230 FLUIDS (QUANTITY, TYPE, & CHANGE INTERVAL)

ITEM	CAPACITY	Ambient Temp. 120°F to 80°F (49°C to 27°C)	Ambient Temp. 80°F to 30°F (27°C to -1.1°C)	Ambient Temp. 30°F to -40°F (-1.1°C to -40°C)	CHANGE INTERVAL					
		TROPICAL	TEMPERATE	FRIGID	Initial	Thereafter				
QSC8.3 eng. oil	5.0 gal.	15W-40	<b>15W-40</b>	5W-30	Daily Inspection	500 hrs				
Diesel Fuel	120 gal.-main 60 gal.-aux.	ASTM No.2D	<b>ASTM No.2D</b>	ASTM No.1D		Change/Clean 2 years				
Engine Coolant	7.4 gal. Total Volume	50/50 mix	<b>50/50 mix</b>	60/40 mix						
Hyd. Oil	90 gal.tank 150 gal.total	Shell Tellus K46	<b>Shell Tellus K32, T32</b>	Shell Tellus K15	Drain Water Every Month	1500 hrs to 2000hrs				
Planetaries	Main Hoist	5.3 gal.	API GL-5	<b>API GL-5</b>	API GL-5	250 hrs	1000 hrs or every 6 months			
	Aux. Hoist	5.3 gal.								
	Boom Hoist	1.85 gal.								
	3rd Drum Boom Mtd.	4.5 gal.						SAE-90	<b>SAE-90</b>	SAE-80*
	Swing	2.1 gal.								
Traction	12.4 gal. ea									
Crawler Idler Tumbler	2.08 pts ea	SAE 30	<b>SAE 30</b>	SAE 10		3000 hrs				
Crawler Lower Roller	0.8 pts ea	API CD	<b>API CD</b>	API CD		TO				
Crawler :Upper Roller	0.64 pts ea	ENG. OIL	<b>ENG. OIL</b>	ENG. OIL		4000 hrs				

**NOTE: Factory installed fluids listed in TEMPERATE column.**

\*Below -15°F (-26°C) use SAE-75W