

FLT40

Hydex

Fuel and Lube Articulated Truck

The **HYDEX FLT40** from Articulated Truck Solutions offers extreme versatility in moving and delivering a wide variety of service products in all applications and underfoot conditions.



Special Features

- Full product filtration
- Ground level remote fill
- Tank level gauges
- Exterior and interior lighting packages
- Enclosed rear or side reel compartments
- Spring, hydraulic and electric reels available
- New and used filter storage
- Fully baffled product tanks
- Metering systems available

Specifications

Engine

Engine Model	Cat® C15 ACERT®	
Gross Power – SAE J1995	350 kW	469 hp
Net Power – SAE J1349	338 kW	453 hp
Net Power – ISO 9249	342 kW	458 hp
Net Power – EEC 80/1269	342 kW	458 hp
Bore	137 mm	5.4 in
Stroke	171.5 mm	6.75 in
Displacement	15.2 ltr	926 cu.in

Transmission

Forward 1	8.9 km/h	5.5 mph
Forward 2	12.1 km/h	7.5 mph
Forward 3	16.4 km/h	10.2 mph
Forward 4	22 km/h	13.7 mph
Forward 5	30 km/h	18.6 mph
Forward 6	40 km/h	25.1 mph
Forward 7	54.7 km/h	34 mph
Reverse 1	8.4 km/h	5.2 mph
Reverse 2	11.6 km/h	7.2 mph

Standards

Brakes	ISO 3450 : 1996
Cab/FOPS	ISO 3449 Level II : 2005
Cab/ROPS	ISO 3471 : 2008
Steering	ISO 5010 : 2007

Sound Levels

Interior Cab	79 dB(A)
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Engine Gross Power

350 kW	469 hp
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Engine Net Power (ISO)

342 kW	458 hp
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Capacities

Diesel Fuel	18 927 ltr	5000 USgal
Oil Product	3784 ltr	1000 USgal
Used Oil	946 ltr	250 USgal
Coolant	946 ltr	250 USgal

The Hydex FLT40 is supplied by **Articulated Truck Solutions LLP**

FLT40 Fuel and Lube Articulated Truck *Specifications*

Diesel Fuel Tank

Capacity	18 927 ltr	5000 USgal
PPE lanyard tie-off provision		
Spring-actuated emergency/internal valve		
2 x Ground-level bottom-load quick fill system		
Red/Yellow fill level warning lights with audible alarm		
Electric level indicator system		

Product Tanks

Oil Product (heated):	4 x	946 ltr	250 USgal
Used Oil:	1 x	946 ltr	250 USgal
New Coolant:	1 x	946 ltr	250 USgal
Grease Hopper (heated):	1 x	500 kg	1100 lb
Top-fill through hatch and bottom-fill provision			
All oil product tanks – A36 Steel construction			
Coolant tank – Type 304 stainless steel			
Interior baffles as required by size and configuration			
Under-tank high density rubber cushion mat			
Exterior full-height tank level sight gauges (protected)			
Filtered vents			
Auxiliary bottom tank drain with valve			
Tank overfill safety vent with overflow			
Indicator lamps at remote fill station			
4 x high pressure new oil product discharge particulate filters			

Pumping Systems

Diesel:	1 x Hydraulic drive high volume pump
Oil Product:	4 x Direct-coupled hydraulic drive pump
Used Oil:	1 x Air operated diaphragm pump
New Coolant:	1 x Air operated diaphragm pump
Grease:	1 x Hydraulic drive high pressure/low volume pump

Hose Reels

HV Diesel:	1 x Hydraulic rewind reel, 50' x 1½" hose
LV Diesel:	1 x Spring rewind reel, 50' x 1" hose, automotive style
	Swivelled light vehicle nozzle
Product Oil:	4 x Spring rewind reels, 50' x ½" hoses
Used Oil:	1 x Spring rewind reel, 50' x 1" hoses
Grease:	1 x Spring rewind reel, 50' x ¾" HP grease hose
Air:	1 x Spring rewind reel, 50' x ½" hose
New Coolant:	1 x Spring rewind reel, 50' x ½" hose

Rear Reel Compartment

Enclosed and insulated
Low-level for easy access
2 x Compartment doors with mechanical stays
Heavy duty door latches
Removable panels for service access

Air Compressor

1 x 46 CFM air compressor
Automatic operation
1 x 30 gallon reservoir
1 x desiccant air dryer (with replaceable media)

Hydraulic System

Pressure and flow compensated
Load-sensing hydraulic pump

Identification Lighting Group

LED rear Stop/Tail/Turn lights
Backup lights and alarm
LED side marker lighting group
2 x amber LED strobe lights on lube body

Side Compartments

Size and configuration dictated by available space
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Lighting Group

Weather-tight control enclosures with heavy-duty rotary switches and indicator lights
Exterior lighting controls are in truck cab, so operator can turn lights on before exiting cab
Basic tank-deck lighting
Basic interior reel compartment lighting
8 x exterior 24 Vdc HID floodlights: <ul style="list-style-type: none"> • 1 x driver side rear • 1 x kerb side rear • 4 x top rear to illuminate work area • 1 x floodlight driver side cab rail • 1 x floodlight kerb side cab rail

All cab/chassis machine specifications are contained in the Cat 740 specalogue publication AEHQ6031

Materials and specifications are subject to change without notice.

See your Caterpillar dealer for standard and optional cab equipment.

Articulated Truck Solutions LLP

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