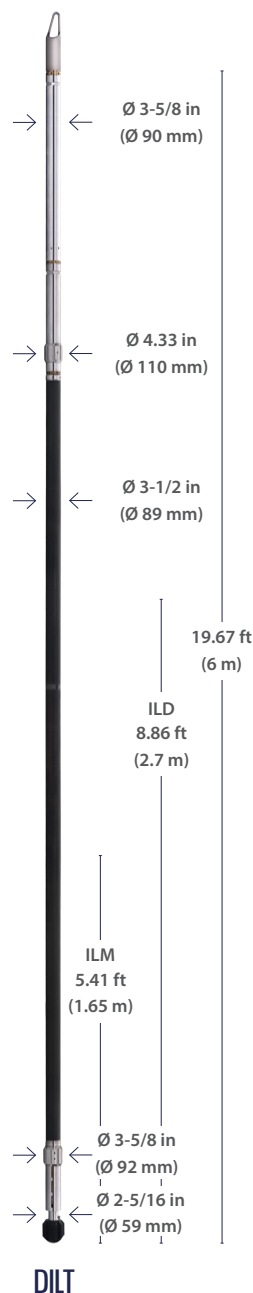




DUAL INDUCTION LOGGING TOOL (DILT)

The **Dual Induction** instrument is used to obtain formation conductivity measurements in low salinity or oil-based drilling fluid environments. Using transmitter-receiver coil pairs, it provides Deep and Medium resistivity measurements used for fluid saturation calculations.

The **DILT** provides conductivity measurements at 2 different levels of investigation and resistivity values. This tool is designed to provide resistivity measurements necessary to estimate the effect of invasion, to obtain the true formation resistivity.



FEATURES

- Combinable with other Gallop tools
- Performs well in low salinity muds

APPLICATIONS

- Invasion Profile determination
- Water Saturation measurement
- Identification of fluid contacts

SPECIFICATIONS

	DILT
GENERAL SPECS	
Maximum Pressure	20,000 PSI (140 MPa)
Maximum Temperature	350 °F (175°C)
Maximum Hole Size	22.67 in (575.81 mm)
Minimum Hole Size	4.76 in (120.9 mm)
Diameter	3-5/8 in (90 mm)
Length	19.67 ft (6 m)
Weight	225 lbs (102 kg)
Max. Logging Speed	100 ft/min (30 m/min)
BOREHOLE CONDITIONS	
Borehole Fluids	Any, except high salinity
Tool Position	Centralized or stand off
HARDWARE FEATURES	
Voltage	220 Vac, 50 Hz
Current	125 mA
Sampling Rate	10, 20, 40 samples/m selectable
MEASUREMENT	
Principle	Electromagnetic Induction
Minimum	0.2 Ohmm
Maximum	2,000 Ohmm
Vertical Resolution	24 in (609.6 mm)
Depth of Investigation	Deep: 63 in (1,600.2 mm) - Medium: 31.5 in (800.1 mm)
Accuracy	± 7 % (low resistivity below 200 Ohmm)
Primary Curves	RILD, ILM