

Ring Power

Customer Technician Training

Hydraulic Fundamentals

Course Name	Hydraulic Fundamentals
Course Number	41838
Duration	32 Hours ((4) eight-hour days)
Course Description	This unit covers the foundational knowledge of basic hydraulic systems, the competencies required to complete basic service procedures (preventive maintenance), and how to remove and install hydraulic systems and components on Cat® equipment.
Skills/Topics	Objectives— Learners will be able to: <ul style="list-style-type: none">• Explain hydraulic principles.• Identify and explain the purpose and operation of basic hydraulic components and circuits.• Describe the general service procedures (preventive maintenance) of hydraulic systems.• Perform general service procedures (preventive maintenance) on hydraulic systems.• Describe the procedures for removing and reinstalling hydraulic system components.• Remove and reinstall hydraulic system components.
Prerequisites	None
Necessary Supplies and Equipment	<ul style="list-style-type: none">• Safety glasses with side shields and safety (or hard-toed) shoes are required.• Appropriate work clothing is required.

Ring Power offers customer training courses for Operators and Technicians of every skill level. Custom classes can be developed, and we offer subscriptions to Caterpillar University.

Contact our Customer Training Department to learn more at CustTraining@RingPower.com, 904-737-7730, or visit <https://www.ringpower.com/services/customer-training/>.