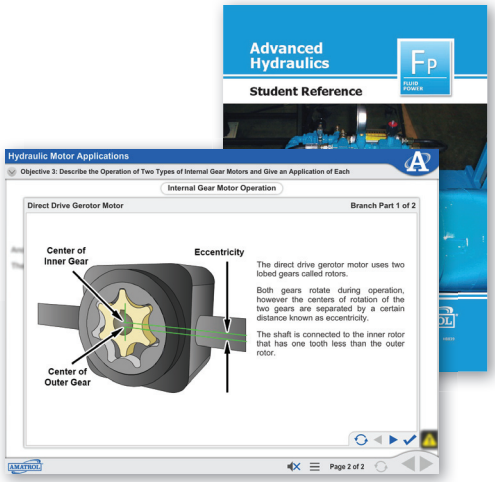
Advanced Hydraulics Learning System

85-AH

FP
FLUID POWER

Advanced Hydraulics Learning System

85-AH requires 85-IH with 850-H1, 850-C1, or 85-BH. 850-C1 shown.



Multimedia Curriculum and Student Reference Guide

Learning Topics:

- Hydraulic Motor Applications
- Undirectional Motor Breaking
- Free-Wheeling Motor Circuits
- Hydraulic Pump and Motor Performance
- Pump Flow Rate
- Hydraulic Motor Torque
- Fluids and Conditioning
- Fluid Viscosity
- Reservoirs and Heat Exchangers

Amatrol's Advanced Hydraulics Learning System (85-AH) covers hydraulic motor applications, hydraulic pump and motor performance, and hydraulic fluids and conditioning. Within this advanced hydraulics training system, learners will study how motors are stopped hydraulically, how to use a pump efficiency curve to determine overall efficiency, how to size a conductor, how seal materials are determined by hydraulic fluid type, and more! The advanced hydraulic training system requires Amatrol's Intermediate Hydraulics (85-IH) and one of the Basic Hydraulics systems (850-H1, 850-C1, or 85-BH).

The Advanced Hydraulics training system includes a photo tachometer, a return line filter assembly, viscosity gauge, and oil samples. Learners will use these components to practice hands-on skills like connecting and operating a free-wheeling motor circuit, determining actual motor torque using a torque-speed curve, and changing a filter element. This system also includes an interactive multimedia hydraulics training course, an instructor's guide, installation guide, and a student reference guide.

Technical Data

Complete technical specifications available upon request.

Photo Tachometer
Return Line Filter Assembly
Viscosity Gauge
Oil Samples
Interactive Multimedia Curriculum (MB839)
Instructor's Guide (CB839)
Installation Guide (DB839)
Student Reference Guide (HB839)
Additional Requirements:
Basic Hydraulics Learning Systems (850-H1, 850-C1, or 85-BH) and Intermediate Hydraulics (85-IH)

AMATROL®

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