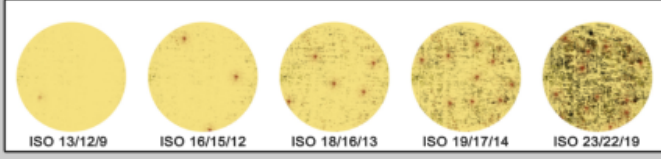


# Hydraulic Maintenance | eLearning Course

Hydraulic Filter Maintenance - WX19290-XA01UEN-E1


Objective 3: Describe the ISO 4406 Contamination Code and Explain Its Importance

ISO 4406 Contamination Code



ISO 13/12/9    ISO 16/15/12    ISO 18/16/13    ISO 19/17/14    ISO 23/22/19

Microscopic Views of Hydraulic Fluid



Because fluid cleanliness is so critical to the proper behavior of a hydraulic system, the International Organization for Standardization (ISO) created a uniform way to indicate the cleanliness of a fluid, and the expected cleanliness of various components.

The standard they created is the ISO 4406 Contamination Code. It uses a code of three numbers to indicate the cleanliness of a fluid, such as 21/18/15. The lower the numbers, the cleaner the fluid.

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## eLearning Course: M19290

Hydraulic power is used in everything from automotive brakes to industrial robots. Amatrol's Multimedia Courseware - Hydraulic Maintenance (M19126) provides a valuable learning experience for industrial maintenance technicians, system installers, and many others by covering hydraulic filter and fluid maintenance, fittings, seals, hydraulic hose and clamping devices, hydraulic tubing, and hydraulic component installation..

### Teach Intermediate Hydraulics

Amatrol's eLearning curriculum uniquely, and thoughtfully combines in-depth theoretical knowledge with practical, hands-on skills. This powerful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills.

#### Master Hydraulic Maintenance Skills

Amatrol's Hydraulic Maintenance eLearning M19126 allows learners to gain skills through realistic simulation before using the real equipment. The combination of theoretical knowledge and hands-on skills solidifies understanding and creates a strong basis for pursuing more advanced skills.

#### Engaging, Highly-Interactive Multimedia

Amatrol's curriculum features a highly-interactive, multimedia format that includes stunning 3D graphics and videos, voiceovers of all text, and interactive quizzes and exercises designed to appeal to learners with different learning styles. The 850-HD1 curriculum teaches learners about basic hydraulic concepts, such as circuit connections, basic motor circuits, fluid friction, meter-in and meter-out circuits, pressure reducing valves, schematics, pressure and volume, and flow control valves.

The curriculum also features a virtual trainer option that allows learners to gain skills through realistic simulation before using the real equipment. The combination of theoretical knowledge and hands-on skills solidifies understanding and creates a strong basis for pursuing more advanced skills.

### Virtual Simulator

#### Hydraulics Virtual Simulator | Preview

Amatrol's eLearning curriculum uniquely combines in-depth theoretical knowledge with practical, hands-on skills. This powerful, and thoughtful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills.

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