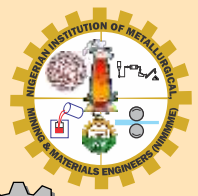




Nigerian Institution of Metallurgical, Mining & Materials Engineers

(A Division of The Nigerian Society of Engineers)



in collaboration with *PCS Training*
Presents Workshop on:



INDUSTRIAL LUBRICANTS AND HYDRAULIC FLUIDS SELECTION AND APPLICATION



INTRODUCTION:

Engineering personnel with responsibilities for design, equipment selection, maintenance and procurement require adequate practical knowledge and appropriate guidance to select, specify, inspect, and approve lubricants and hydraulic fluids for a wide range of industrial applications.

Emerging environmental laws have made the disposal and reuse of industrial oils issue and of grave concern.

This workshop provides the operation and maintenance staff with the opportunities to update their skills and knowledge of the state-of-the-art technologies and techniques, use and applications of industrial fluids.

HIGHLIGHTS

1. Lubrication principles
2. Lubricating oil types and processing
3. Characterizing, classifying and grading of lubricants
4. Industrial Specification and Application of Lubricants
5. Hydraulic Fluids
6. Greases and Non Fluid Lubricants
7. Maintenance and Operations Selection of Lubricants
8. Environmental Consideration in the Use and Disposal of Industrial Oils

PARTICIPANTS WILL BE ENABLED TO:

- ✗ Identify causes of component surface damages that result in equipment failure
- ✗ Explain the mechanics of hydrodynamic, boundary, extreme pressure, and elasto-hydrodynamic lubrication to protect against surface deterioration
- ✗ Know the basic characteristic properties and constituents of oils, hydraulic fluids, greases, solid lubricants and environmentally acceptable lubricants
- ✗ Learn how to specify and select industrial oils for desired applications and longer component life

DATE: 8th - 10th April, 2020.
Re-run: 5th - 7th August, 2020.

VENUE:

Leadway Assurance Training Centre (LTC)
10, Abebe Village Road, Roof Top. Apex Mill
Building-Thomas Wyatt, Iganmu, Lagos.

For further enquiries contact:

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