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Lubricant Pulling Compound

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Equipment Specification
Document No.: 4350.258
Item No.: 072-01825
Asset Suite: 57416
Originating Department: Distribution Engineering



Lubricant Pulling Compound

1. Introduction

This is a general specification that covers the minimum requirements for lubricant pulling compound to be used in the distribution system in Puerto Rico. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site specific conditions, quantity, and other requirements. This document includes the general mechanical characteristics of the material.

2. Special Requirements

Samples shall be furnished as requested by LUMA Energy. Vendors that have supplied this material to PREPA / LUMA on previous orders, will not have to furnish samples at bid opening. The material will be received at the LUMA's general warehouse (011) at Palo Seco, Puerto Rico. Shipping will include transportation and unloading at the indicated warehouse.

3. Quantity/Literature

Descriptive and technical literature must be supplied by vendor at time of bidding. This literature may include, but is not limited to details of material, drawings, documented testing, and instructions for use and installation. Failure to submit documents on time will cause bidder disqualification. For products described in this specification as requiring qualification, awards will be made only for such products that, prior to the time for opening of bids, had been tested and/or approved by LUMA. Evidence of PREPA's and/or LUMA Energy's approval of the equipment or material shall be supplied by vendor if requested by LUMA Energy.

4. Markings

- 4.1. Containers shall be marked outside with LUMA Energy's purchase order and item number.
- 4.2. Labels and tags shall be waterproof.

5. Equal or Approved Equal to

Grainger, catalog number: 31-371, Domino Highvoltage supply, catalog number: J-128

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6. Packaging

All material and equipment shall be packaged and marked in such a way as to facilitate handling and protection from damage and that the receiving warehouse can readily identify it and send it, in one complete unit, to a field location without opening crates or boxes to sort items and/or parts.

7. Number Per Package (Logistics)

One unit (1) gallon container or as requested by LUMA Energy.

8. Acceptance Criteria

8.1. Test required: certified by external qualified laboratories.

a. Latest applicable codes, standards, and other regulations: OSHA Hazard Communication Standard; 29 CFR 1910.1200

9. Description

9.1. Water base, soluble polymer pulling lubricant.

9.2. Shall not gum or harden in conduit.

9.3. Shall be supplied as a gel.

9.4. Shall be non-corrosive and non-flammable as product or residue.

9.5. Shall be bio-degradable and all ingredients shall be non-toxic.

9.6. Shall not have adverse effects on physical or electrical properties of common cable jackets.

9.7. Shall be UL listed.

10. Inspection

The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it would not prevent subsequent rejection if such materials were found later to be defective.

11. Proposal Information

11.1. Submitted proposals must include:

a. Technical information

b. Table of Compliance completed by the bidder with reference. (See Appendix 1)

— End of Specification —

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Appendix

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Appendix 1: Table of Compliance

Line	Criteria	Description	Pass/Fail (P/F)	Comments
1	Specification	The Proponent complies with the corresponding specification document.		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document. (OSHA)		
3	Container Size	1 gal.		
4	Characteristics	<ul style="list-style-type: none"> • Water base, soluble polymer pulling lubricant. • Not gum or harden in conduit. • Supplied as a gel • Non-corrosive and non-flammable as product or residue. • Bio-degradable and all ingredients shall be non-toxic. • not have adverse effects on physical or electrical properties of common cable jackets. 		