



Colonial Products for Chain Lubricants

<u>COMPOUND</u>	<u>% WT.</u>
Cola [®] Mine CDM or 11CM	28.00
Propylene Glycol	10.00
Isopropyl Alcohol	4.80
Tetrasodium EDTA (40%)	4.80
Water	<u>52.40</u>
TOTAL	100

Recommended use dilution: 0.5% - 2.0% (by wt.) in water

Formulation Considerations:

- In place of a fatty acid soap system, a synthetic system based on a 1:2 ratio of Cola[®]Lube 3404CI/triethanolamine will provide good lubricity, no “build-up” or “sludging” concerns, and corrosion protection. Suggested use concentration of 0.5% - 2.0% (by wt) in water. Note: Cola[®]Lube 3404CI is a potent wetting agent with moderate-high foaming properties, therefore use of a defoamer is suggested.
- Cola[®]Lube 3404CI is approved under CFR Title 21, 178.3570 for use as synthetic stamping fluid for beverage cans. Recommended neutralizing Cola[®]Lube 3404CI with tert. Alkyl C11-C14 primary amines (Rohm & Haas Primene 81R). This combination should provide effective performance, as well as, acceptable taste and safety parameters.
- A formulation based on a combination of 1:2 ratio of Cola[®]Lube 3404CI/triethanolamine and Cola[®]Mine CDM or 11CM may prove useful due to enhanced lubricity from the alkanolamide and enhanced wetting and elimination of “build-up/sludge” concerns from the Cola[®]Lube 3404CI.

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WARRANTY

Colonial Chemical guarantees that its products meet published specifications. No other warranties or guarantees are expressed or implied because the use of this material is beyond the control of Colonial Chemical.

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