



Cola® Carb OXC

Ether Carboxylic Emulsifier

DESCRIPTION Long alkyl chain and long EO chain ether carboxylic acids
LISTINGS USA (TSCA), Canada (DSL), EU (REACH), Korea (KECL), China (IECSC), New Zealand (NZIoC), Philippines (PICCS), Taiwan (TSCI)

Cola® Carb OXC is a low-foaming ether carboxylic acid with excellent emulsification and dispersing properties. Cola® Carb OXC is used for metal working fluids, fire resistant hydraulic fluids (HFAS) and rolling emulsions. Cola® Carb OXC is extremely stable against electrolyte and hard water and shows outstanding lime soap dispersing power, being able to disperse large quantities of calcium oleate or tallate.

BENEFITS

- Excellent emulsification properties
- Outstanding lime soap dispersing properties
- Electrolyte and hard water stable
- Low-medium foaming tendency
- Boron free and DEA-free, free of secondary amines
- Broad registration status
- Non-irritating to eye and skin
- Multifunctional, decreases formulation complexity
- Suitable for long life fluids

APPLICATIONS

- Metalworking fluids (emulsions, semisynthetic, synthetic)
- Fire resistant hydraulic fluids (HFAS)
- Rolling emulsions

SPECIFICATIONS

Appearance, 25°C	Clear Liquid
pH (1% aqueous)	2.5 – 3.5
Acid Value, mg KOH/g	59 – 79
% Moisture, Karl Fisher	8.0 Max.
NaCl, %	1.0 Max.
Color, Gardner @ 25°C	6 Max.

PROPERTIES

HLB	12.5
K Value	32
Surface Tension	42.7 dynes/cm

STORAGE AND HANDLING

Cola® Carb OXC is shipped in 55 gal. drums, net weight 450 lbs (204.1 kg) or bulk and should be stored in closed containers. Shelf life is 24 months from date of manufacture. A Safety Data Sheet is available at www.colonialchem.com.

Colonial Chemical

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Innovative Specialty Surfactants