Nease Co. LLC offers a growing list of phosphate esters under the NAXONAC® trade name. As an anionic surfactant, one of the main advantages of phosphate esters is their stability and solubility in alkali systems. They can be used as hydrotropes to couple nonionic surfactants systems which are not soluble and at the same time increase wetting and detergency properties. The presence of the phosphate group imparts some interactions with metallic surfaces, thereby exhibiting some anti-corrosion and metal-adhesion characteristics. They can be used as additives in oil and water-soluble lubricant systems to improve lubricity, anti-frictional properties of the formula. Phosphate esters also find use as emulsifiers in emulsion polymerization.

NAXONAC® 184 is designed to meet your needs as an emulsifier, wetting agents, anti-wear additive, corrosion inhibitor and lubricants in various metalworking fluids.

Typical Properties:
- **Appearance**: Viscous, pale yellow liquid
- **Specific Gravity @ 20°C**: 1.03
- **Flash Point, (open cup)**: > 212 °F
- **Pour Point**: 15°C
- **Solubility in Water**: Dispersible

Product Specifications:
- **Property**: Appearance
  - **Specification**: Pale yellow liquid
- **Water Content, wt. %**: 2.0 Max
- **Acid number (1st infl.)**: 82.0-92.0
- **Color (Gardner)**: 2.8 Max

Applications: Lubricants, Corrosion inhibitors, detergents, metalworking fluids and wetting agents

Storage and Handling:
- Store covered in a dry, well ventilated area. Keep container tightly closed when not in use.
- Prevent from freezing. Store material above 20°C (68°F).

Availability: 55 gallon drum, 275 gallon tote

Chemical Control Law Status: This product is in compliance with the inventory listing requirements of the Chemical Control Laws in the following countries: United States of America, Canada (NDSL), Europe, Korea, and Japan

Transport Regulations:
- **Shipping Description**: DOT Non-Regulated
- **Hazard Class**: NA
- **ID Number**: NA
- **Packing Group**: NA
- **Label**: None

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