

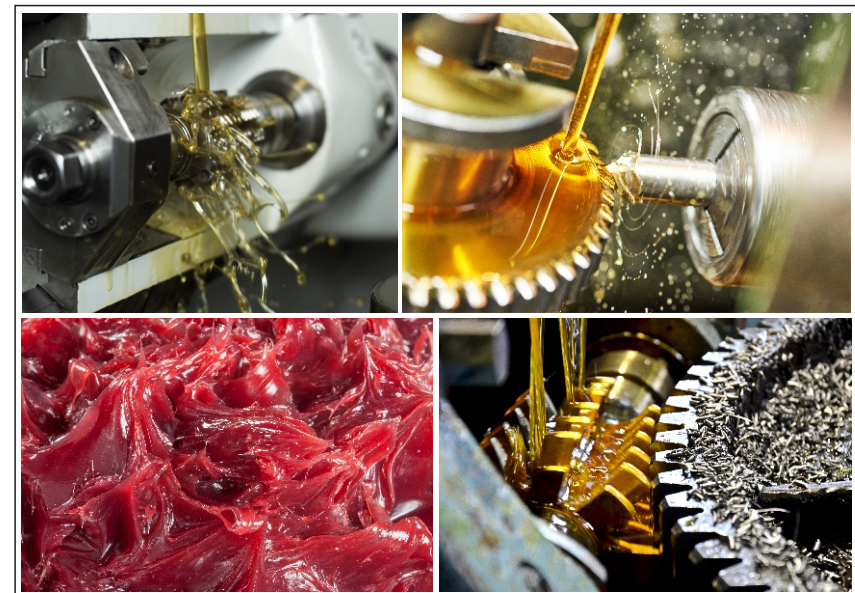


*Quality Group offers its National & International Customers with its unparalleled Range of Products like:*

- Polymer Additives
- Industrial Lube Oil Additives
- Aqueous Wax
- Auxiliary Chemicals

## INDUSTRIAL LUBE OIL ADDITIVES

*An Extensive Range of Additive Package for Metal working Fluids, Textile Oils & other Industrial Lubes.*



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An ISO 9001:2015 Certified Company

A CRISIL Rated Company

### SOLUBLE CUTTING OIL ADDITIVES

Product Name	Chemical Name	Application
QUALIMOL® 18	Soluble Cutting Oil Additive	Soluble Cutting Oil meeting BIS 1115 Standard
QUALIMOL® 81	High Performance Soluble Cutting Oil Additive	Soluble Cutting Oil meeting BIS 1115 Standard Compatible with Hard Water

### TEXTILE OIL EMULSIFIER

Product Name	Chemical Name	Application
QUALITEX™ WS 90	Knitting Oil Emulsifier	Textile Lubricant
QUALITEX™ COE	Conning Oil Emulsifier	Textile Lubricant

### RUST PREVENTIVE OIL ADDITIVE

Product Name	Chemical Name	Application
QUALICOAT® 124 C	Solvent / Oil Base Rust Preventive Additive	De-Watering Type Rust Preventive Oil
QUALICOAT® MP	Solvent / Oil Base Rust Preventive Additive	Acid Fume Type Rust Preventive Oil.
QUALICOAT® DW-32 C	Solvent / Oil Base Rust Preventive Additive	High Performance De-watering type of Rust Preventive oil recommended for export components .
QUALICOAT® DN 1	Solvent Base Rust Preventive Additive	High Performance Solvent Base Rust Preventive Oil for Acid Fume Resistance & De-watering

### SEMI SYNTHETIC CUTTING FLUIDS

Product Name	Chemical Name	Application
QUALIBIO CUT 400	Mineral Oil Based Cutting Fluid	Univeral Cutting Fluid for Cast Iron, Steel & Alloys
QUALIBIO CUT EP 4000	Mineral Oil Based Cutting Fluid with EP	Univeral Cutting Fluid for Cast Iron, Steel & Alloys

Dosage will vary from application refer TDS

### BIOCIDE

Product Name	Chemical Name	Application
QUALIBIO BXB	Trizine Based Biocide	For metal working fluids

### DROP POINT IMPROVER

Product Name	Chemical Name	Application
QUALIBOOST DP 60	Drop Point Improver	Lithium Grease

**Important Notice :** All the information provides general notes and uses of our products. Thereby, properties of our products might vary in its application. Test the product for its applicability before using it.

### TYPICAL SPECIFICATION

Colour	Appearance	Acid Value	Amine Value	pH	Kinematic Viscosity@100°C	Dosage %w/w
Reddish Brown	Clear Viscous Liquid	Max 25	45-75	8.5-11	25 - 35 cst	18 - 20
Reddish Brown	Clear Viscous Liquid	Max 25	45-75	8.5-11	25 - 35 cst	18 - 20

### TYPICAL SPECIFICATION

Colour	Appearance	Acid Value	pH (5% in Distilled Water)	Kinematic Viscosity@100°C	Dosage %w/w
Pale Yellow to Brown	Clear Liquid	Max 5	6.5-8.5	25 - 40cst	12
Pale Yellow to Brown	Clear Liquid	Max 5	6.5-8.5	25 - 35 cst	10

### TYPICAL SPECIFICATION

Colour	Appearance	Acid Value	Melting Point, °C	SAP Value	Solubility in MTO
Dark Brown	Thick Paste	Max 5	Max 52	10-50	Clear Solution
Dark Brown Coloured	Soft Paste	Max 5	Max 52	10-25	Clear Solution
Light Brown Coloured	Soft Paste	Max 5	Max 52	10-25	Clear Solution
Free Flowing Viscous Liquid	Hazy Dark Brown	Max 20	N/A	10-50	Clear Solution

### TYPICAL SPECIFICATION

Colour	Appearance	pH (5% in Distilled Water)	Specific Gravity @30°C	3 % Solubility In 500 ppm Hard Water	Cast Iron Corrosion test	Dosage %w/w	Mineral Oil Content %
Brown	Clear Liquid	8.5 – 11	0.8-1.1	Translucent	Passes	5	10-12
Brown	Clear Liquid	8.5 – 11	0.8-1.1	Translucent to White	Passes	5	50-52

### TYPICAL SPECIFICATION

Colour	Amine Value	pH (5% in Distilled Water)	Specific Gravity @30°C	Solubility In Water	Nature	Dosage, %
Colourless to yellow clear liquid	Min. 590	10-11	1.02-1.50	Clear Solution	Ionic	2-5

Colour	Kinematic Viscosity @100°C	Dosage, %
Clear Colourless to Pale yellow Liquid	Max 10	2-3

## ADDITIVES FOR METAL WORKING FLUIDS

### ESTER LUBRICANTS : BASE FLUIDS /LUBRICITY ADDITIVES / ESTERS

Product Name	Chemical name	Application
QUALIMUL 90	Sorbitan mono oleate	Emulsifier
QUALILUB 108181	2-Ethyl hexyl Oleate	Lubricant base stock
QUALILUB 11318	Isotridecyl stearate	Lubricant base stock
QUALILUB G 103181	Glycerin mono oleate	Emulsifier & Synthetic lubricant base stock
QUALILUB G 303181	Glycerin tri oleate	Emulsifier & Synthetic lubricant base stock
QUALILUB 205181	Neopentyl glycol dioleate	Synthetic lubricant base stock
QUALILUB 306181	Trimethalol Propane trioleate	Synthetic lubricant base stock for Hydraulic oil (ISO VG 48)
QUALILUB 405181	Pentaerythritol tetraoleate	Synthetic lubricant base stock for Hydraulic oil (ISO VG 68)
QUALILUB 30612	Trimethalol propane tricocoate	Synthetic lubricant base stock

## PHOSPHATE ESTERS

### MULTIFUNCTIONAL ADDITIVES AS EP/Anti-wear

Product Name	Chemical name	Application
<b>QUALIPHOS E 30410</b>	Synthetic alcohol ethoxylate phosphate ester.	Excellent aluminum corrosion inhibition property for different aluminum alloys. Good iron/steel corrosion inhibition. Good EP/AW properties. Good emulsification properties
<b>QUALIPHOS E 30606</b>	Synthetic alcohol ethoxylate phosphate ester.	Excellent aluminum corrosion inhibition property for different aluminum alloys. Good iron/steel corrosion inhibition. Good EP/AW properties. Good emulsification properties
<b>QUALIPHOS A 80026</b>	Synthetic alcohol phosphate ester.	High phosphorous content, good anticorrosion performance when neutralized with amines in pure oil, emulsion & semisynthetic formulations; Good anti-pitting performance in gear oil.
<b>QUALIPHOS E 80220</b>	Synthetic alcohol ethoxylate phosphate ester.	Good wettability, cleaning property; good EP/AW property.
<b>QUALIPHOS E 90411</b>	Synthetic alcohol ethoxylate phosphate ester.	Extreme low surface tension used in water expandable, synthetic & cleaning formulations.
<b>QUALIPHOS E 20410</b>	Fatty alcohol ethoxylate phosphate ester.	Extremely good anti corrosion & staining inhibition properties for all kinds of aluminum alloys. Good EP/AW properties.
<b>QUALIPHOS E 70314</b>	Fatty alcohol ethoxylate phosphate ester.	Excellent EP/AW & anticorrosion performance. Good synergy with sulfur additives; used in rolling oil, hydraulic oil, & cutting oil.
<b>QUALIPHOS E 810508</b>	Fatty alcohol ethoxylate phosphate ester.	Anti-wear & extreme pressure additive for both neat oils & water expandable formulations. Good emulsification & corrosion inhibition performance.
<b>QUALIPHOS E 60710</b>	Phenol ethoxylate phosphate ester.	Extremely low foam, good EP/AW performance in synthetic formulations.
<b>QUALIPHOS 248</b>	Amine neutralized phosphate	Good EP/AW performance for aluminum surfaces, Excellent corrosion inhibitor for neat oils.

### CORROSION INHIBITOR

Product Name	Chemical name	Application
<b>QUALIZOLINE O</b>	ALKYL IMIDAZOLINE	multifunctional additive: corrosion inhibitor, dewatering agent and emulsifier for lubricants
<b>QUALICOR BE</b>	AMINE BORATE	Suitable for use in water-miscible metalworking fluids and temporary corrosion protection applications.
<b>QUALIMUL OD</b>	OLEIC DIETHANOLAMIDE	Oil soluble water dispersible corrosion inhibitor.

## Quality Speciality Chemicals LLP

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