



MOHINI ORGANICS PVT.LTD.
Manufacturers of Specialty Chemicals

LUBRICANTS & METAL WORKING FLUIDS

HIGH PERFORMANCE LUBRICATION
FOR **SPECIALTY APPLICATIONS.**



APPLICATIONS

- ✓ Metal Working Fluids
- ✓ Fire Resistance Hydraulic Fluids
- ✓ Gear Oil & Engine Oils
- ✓ Compressor Oils
- ✓ Bio-lubricants



BENEFITS

- ✓ High Thermal Stability
- ✓ Low Temperature Performance
- ✓ Low Volatility
- ✓ Corrosion Inhibition
- ✓ Friction Modifier



PRODUCT RANGE

- ✓ High Polyol Estres
- ✓ PIBSA, PIBSI
- ✓ Amide Esters
- ✓ Ethoxylates
- ✓ Specially Esters



AUTOMOBILES



CHAIN OIL
LUBRICATION



STRAIGHT
CUTTING OIL



GEAR &
TRANSMISSION OILS

HIGH POLYOL ESTERS BIO BASED PERFORMANCE



Excellent Biodegradability, Superior Lubricity & Outstanding Thermal Stability.

PRODUCT NAME	NATURE	ACID VALUE	POUR POINT (*C)	FLASH POINT (*C)	VISC @40°C (CPS)	KEY FEATURES & APPLICATIONS
MONECOL®-603	High Polyol Ester	3 Max	-30°C	320°C	40-50	High Performance Base Fluid in industry in hydraulic Fluids, Two Stroke engine oils & metalworking fluids
MONECOL®-527	High Polyol Ester	3 Max	-20°C	340°C	50-60	As biolubricant base oil; Used in fire resistant & biodegradable hydraulic fluids and metal working. Low pour point with excellent lubricity & oxidation stability.
MONECOL®-POD	High Polyol Ester	5 Max	-30°C	310°C	120-130	Synthetic Lubricant For Straight Cutting Oil
MMONECOL®-405	High Polyol Ester	3 Max	-30°C	300°C	20-30	Low Volatile at Higher Temperatures elevates the Thermal Stability. Used as biolubricant base oil and additive for metal working fluid.
MONECOL®-4810	High Polyol Ester	1 Max	-50°C	240°C	7-9	Useful in applications where good oxidative stability, low temperature fluidity, and high bioderived content are required.
MONECOL®-5810	High Polyol Ester	1 Max	-15°C	310°C	27-30	Biolubricant base oil; Used in metal working & industrial chain & greases; Lubricity additive in formulation of high temperature metalworking fluids;
MONECOL®-6810	High Polyol Ester	1 Max	-42°C	290°C	18-22	Biolubricant base oil; Used in metal working, automotive, engine oils & industrial air compressor; Good thermal and oxidative stability.
MONECOL®-CT9800	High Polyol Ester	1 Max	-50°C	180°C	25-30	Hydrolytically & oxidatively stable base fluid & lubricity enhancer used in four stroke engine oils.

ESTERS & SOLVENT ESTERS - VERSATILE SOLUTIONS



ESTER BASED PRODUCTS

PRODUCT NAME	NATURE	ACID VALUE	POUR POINT	FLASH POINT	VISC @40°C (CPS)	KEY BENEFITS & APPLICATIONS
MONEMUL®-80	Ester	8 Max	15°C	280°C	310-320	Friction Modifier & Rust Preventer
MONEMUL®-80 Hi	Ester	8 Max	6°C	265°C	300-310	Friction Modifier & Rust Preventer
MONEMUL®-85	Ester	15 Max	-14°C	230°C	90-100	Used in Lubricants & Rust Preventive Oils for Corrosion Inhibitor Property
MONEGYL®-G060	Ester	3 Max	13°C	230°C	110-120	Anti Icing Fuel Additive & Fibre Delustering Agent
MONEGYL®-T060	Ester	5 Max	-16°C	340°C	30-40	As biolubricant base oil, Replacement of a variety of natural oils. Synthetic oil for fat liquor production.
MONECOL®-DOP	Ester	5 Max	-15°C	300°C	30-40	Low pour point lubricity additive in many different types of lubricant.
MONECOL®-MOP	Ester	5 Max	-20°C	110°C	30-40	Emulsifier for Industrial Lubricants

SOLVENT ESTERS

PRODUCT NAME	NATURE	ACID VALUE	POUR POINT	FLASH POINT	VISC @40°C (CPS)	KEY BENEFITS & APPLICATIONS
MONEPLUS®-BS	Solvent Ester	5 Max	22°C	185°C	7-8	As biolubricant base oil & Lubricant in processing of synthetic fibers Metalworking lubricant in rolling of aluminum
MONEPLUS®-314	Solvent Ester	1 Max	-3°C	150°C	4-5	As biolubricant base oil; Can be used in metal working. Reduces the heavy, greasy feel in products with high oil content..
MONEPLUS®-316	Solvent Ester	1 Max	-12°C	210°C	6-7	Used as Diluent, Solubilizing Agent & pigment binder for Mineral Oils & Silicones
MONEPLUS®-MOH	Solvent Ester	1 Max	-15°C	210°C	4-5	As biolubricant base oil; Lubricity additive in the production of aluminum metal working fluids
MONEPLUS®-1181	Solvent Ester	1 Max	-12°C	210°C	4-5	As biolubricant Solvent: Non-sticky low-viscosity lubricant additive.

SPECIALTY ADDITIVES PERFORMANCE ENHANCERS



PIBSA / PIBSI SERIES

PRODUCT NAME	TYPE	FLASH POINT	VISC @40°C (CPS)	KEY BENEFITS & APPLICATIONS
MOLESAN®-909	PIBSA	240°C	500@100°C	Excellent Surfactant Base for Carbon Dispersion in Lubricating Oils, Gear & Engine Oils
MOLESAN®-DG6	PIBSA Derivative	180°C	150@100°C	Emulsifier for enhancing compatibility of hydrophillic actives with oil
MOLESAN®-1100	PIBSI	200°C	2000@70°C	Ashless Dispersant, Oxidation inhibitors, Acid neutralizing additives in gasoline and Engine Oils. Low Temperature sludge and varnish control in Engines.
MOLESAN®-1102	PIBSI	180°C	300@100°C	
MOLESAN®-1105	PIBSI	180°C	500@100°C	
MOLESAN®-1108	PIBSI	180°C	500@100°C	

PRODUCT NAME	FLASH POINT	VISC @40°C (CPS)	KEY BENEFITS & APPLICATIONS
MONEMIDE®-OD	260°C	180-190	Emulsifier for All types of Aromatic & Aliphatic Hydrocarbon Solvents, Oil Additives. Antistatic agent, Anti-friction agent, Boiler Cleaning Rust Dispersant
MONEMIDE®-C1328	95°C	360-370	Oil-soluble, water dispersible corrosion inhibitor & emulsion stabilizer
MONEMIDE®-CD	93°C	365-375	Used as a Lubricant agent, Thickening agent & wetting agent. It is also used as an emulsifier & corrosion inhibitor



OTHER SURFACTANTS

PRODUCT NAME	NATURE	POUR POINT	FLASH POINT	VISC @40°C (CPS)	KEY BENEFITS & APPLICATIONS
MONEBAT®-RX80	Ethoxylate	-11°C	113°C	185-195	Excellent Solubilizer of Essential Oils, Wetting agent, viscosity modifier & disperser
MONEBAT®-RX85	Ethoxylate	-21°C	230°C	115-125	Used as Emulsifier, Foaming Agent, Lubricant, Solubilizer, Antistatic Agent & dispersing agent in industrial product formulations
MONEPEG®-021	Ester Ethoxylate	-10°C	260°C	30-40	Non-Ionic Emulsifier for Lubricating Industries, Cutting Oils & Metalworking Fluids
MONEPEG®-022	Ester Ethoxylate	-15°C	280°C	25-35	Surfactant for oil spill dispersants; lubricant, antistat in textile spin finishes; emulsifier for metalworking fluids,
MONEPEG®-041	Ester Ethoxylate	5°C	310°C	55-65	Good general purpose emulsifier readily biodegradable having low toxicity characteristics; Can be used in both oil-in-water and water-in-oil systems
MONEPEG®-042	Ester Ethoxylate	-7°C	325°C	25-35	Surface Active Agent used in Industrial Degreasers and in textiles as an emulsifiers, lubricant, softener & scouring agent
MONEPEG®-061	Ester	23°C	295°C	70-80	Excellent emulsifying capability particularly for Oil in water systems; soluble in water & organics solvents, defoamers & cleansing preparations
MONEPEG®-062	Ester	19°C	315°C	50-60	APEO free Organic replacement for Phenol Ethoxylates; Emulsifier for Cutting Oil & metal working fluids
MONEPEG®-L41	Ester	12°C	295°C	30-40	Emulsifier for vegetable oils and their derivatives & mineral oils. Soluble in some oils, and is less hazardous for environment & human contact.

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FACTORY - TARAPUR

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