

PETROLEUM, DRILL AND GEOTHERMAL PRODUCTS

PLUS 12001 –SCALE AND CORROSION INHIBITOR

- High concentrated scale and corrosion inhibitor particularly used in oil drilling operations.
- Scale and corrosion inhibitor formulated to inhibit bariumsulphate scales, carbonate and sulphate scales of calcium.

PLUS 12002 – CORROSION INHIBITOR

- Water soluble filming amine corrosion inhibitor particularly used in oil drilling operations.
- Formulated to give excellent film persistency in fresh water, sea water and heavy brine systems and suitable for water injection systems, water source wells, medium to high water cut oil production wells, oil flow lines, treating equipment such as separators and dehydrators, water disposal lines.

PLUS 12003 - OIL SOLUBLE CORROSION INHIBITOR

- Blend of film forming amines, polymeric fatty acids and surfactants designed to produce a highly protective film.
- Can be used for the protection of gas wells, producing wells and pipelines and suitable for gas wells and gathering systems, producing oil wells (low to medium water cut), crude oil pipelines.

PLUS 12004 - PRODUCTION CORROSION INHIBITOR

- Synergistic blend of filming amine and volatile neutralizers in hydrocarbon solvent.
- Specially designed corrosion inhibitor for crude oil and gas condensate system.

PLUS 12005 - PRODUCTION CORROSION INHIBITOR

- A non-chromate film-forming product in liquid form.
- Provides maximum protection for mild steel, copper and yellow metals in closed cooling systems fed with distilled, demineralized or softened water and widely applied in closed cooling systems of steel mills, power stations, refineries and many other industrial plants.

PLUS 12006 - NEUTRALIZING CORROSION INHIBITOR

- Water soluble neutralising amine. Designed for use in process streams where water condenses in the presence of hydrogen sulphide, hydrogen chloride and carbon dioxide, producing acidic highly corrosive solutions and suitable for use in: REFINERIES & GAS PLANTS

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PLUS 12007 – SCALE AND CORROSION INHIBITOR

- Highly concentrated corrosion and scale inhibitor particularly used in oil drilling operations.
- Corrosion and scale inhibitor formulated to inhibit both carbonate and sulphate scales of calcium and barium.

PLUS 12008 – OVERHEAD CORROSION INHIBITOR

- Aqueous carbonic acid and oxygen corrosion inhibitor containing film forming amines.
- Corrosion inhibitor formulated to control corrosion due to HCl, H₂S, organic acids, CO₂, HCN. Suitable for water injection systems, water source wells, medium to high water cut oil production wells, oil flow lines, treating equipment such as separators and dehydrators, water disposal lines.

PLUS 12009 – SUPER CONCENTRATED CORROSION INHIBITOR

- Oil soluble highly effective corrosion inhibitor.
- Corrosion inhibitor formulated to control corrosion due to HCl, H₂S, organic acids, CO₂, HCN. Can be also used as overhead corrosion inhibitor in petrochemical plants or refineries.

PLUS 12010 – MICROORGANISM CONTROL AGENT

- Quaternary amine based compound formulated in an aqueous solution.
- Broad spectrum, non-oxidizing micro microorganism control agent and algacide for petroleum industrial operations.

PLUS 12011 – MICROORGANISM CONTROL AGENT & CORROSION INHIBITOR

- Combination of organic amine compounds and corrosion inhibitors formulated in an aqueous solution.
- Broad spectrum, non-oxidizing microorganism control agent & corrosion inhibitor for petroleum industry. It is designed to reduce the corrosion by forming an organic film on the metal surface and provide excellent control of macro & microbiological growth and associated deposits.

PLUS 12012 – MICROORGANISM CONTROL AGENT

- Aldehyde based microbiocide. It does not contain heavy metals or sulfur compounds.
- Nonoxidizing microbiocide for petroleum industry.

PETROLEUM, DRILL AND GEOTHERMAL PRODUCTS

PLUS 12013 – MICROORGANISM CONTROL AGENT

- New generation multifunctional drilling fluid & system protection product with high performance non-oxidising biocide, corrosion inhibitor and H₂S scavenger.
- Effective against broad spectrum of microorganism (Specially effective against Sulphate Reducing Bacteria) and excellent anticorrosion properties, specially against microorganism influenced corrosion.

PLUS 12014 – MICROORGANISM CONTROL AGENT

- Liquid, water-based, quarternary ammonium microorganism control agent.
- Designed to effectively control microorganism growths in industrial water systems. It is useful against slime-forming bacteria, algae and fungi. Slime-forming bacteria and algae can produce an environment in which serious corrosion and fouling take place.

PLUS 12015 – DEMULSIFIER

- Based on inter-active substances and is applied as a demulsifier for the dehydration and desalting of crude oil.
- Widely used in refinery dehydrating-desalting operations and particularly in desalting equipment. Particularly effective on high viscous and high sulphur content crude oils.

PLUS 12016 – SCALE INHIBITOR

- Novel polymeric based scale inhibitor particularly used in oil drilling operations.
- Recommended for systems where barium sulfate is the predominant problem. Effective against calcium carbonate and barium, calcium and strontium sulfate scales.

NEWPLUS 10005 – SCALE INHIBITOR FOR GEOTHERMAL

- This product scale inhibitor for geothermal power plant.

DRILLING MUD ADDITIVES

- The Newfloc range of products has been used successfully for many years as drilling mud additives for viscosity modification. A comprehensive range is available so that optimum performance can be achieved to suit the particular type of water based drilling mud system used by the operator.

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VISCOSITY MODIFICATION

- Typically polymers or PHPA's are used on their own or inconjunction with bentonite, a s extenders, increasing the drilling mud viscosity thereby resulting in improvements in the removal of cuttings, better control of mud densities and lubrication of the drill bit. Additionally, during downtime, due to the thixotropic nature of the drilling mud system the cuttings will be held in suspension thereby not causing any major problems with solids settlement.

FRACTURING FLUID/ACID THICKENER

- Fracture and Acid is suitable for medium/low permeability, and fissure reservoir conditions, and it is a critical measure for increasing well injection. Fracture and Acid means to take the use of acid to increase flow conductivity of limestone, and it takes use of thickened acid to increase the viscosity of the acid and decrease the filtration loss during the acid and fraction execution. Upon the increase of injection pressure, it will easily reach to the pressure of the stratum fraction. The purpose of enlarging the length of the fissure is to optimize the effect of the acid. During this process, many chemicals will be used.

WATER SHUTOFF PROFILE CONTROL

- After many years of injection, especially to the super high permeability formation, water injection layer always has high permeability zone in some areas. The oil displacement agent will directly flow into the high permeability zone, which will decrease the effect of chemical flooding. So it needs to close off the high permeability zone with lower oil saturation. By applying Water Profile Control technology and Newfloc series products from Newtech, the desired change in the profile can be achieved thereby controlling the water content and improving the oil recovery rate.

ENHANCED OIL RECOVERY (EOR)

- This process has been used for several years in assisting the operator to increase the efficiency of oil recovery of tertiary floods. Intertary oil recovery technologies, polymer flooding is a very important tertiary oil recovery technology.