

## OIL&GAS PRODUCT GUIDE WET-Treat<sup>®</sup> | MET-Treat<sup>®</sup> | OIL-Treat<sup>®</sup>

# Chemicals&Technical Solutions Oil&Gas Field | Refinery | Petrochemical



#### **REFINERY TREATMENT CHEMICALS**

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APPLICATION	PRODUCT	FUNCTION	DESCRIPTION
	WET-Treat <sup>®</sup> 10000	DEMULSIFIER	Water in oil emulsions. Used to resolve emulsions in desalter applications for broad range of crude oil types.
	WET-Treat <sup>®</sup> 10090	DEMULSIFIER	Removing oil in water emulsions.
	WET-Treat <sup>®</sup> 10100	NEUTRALIZING AMINES	Used to neutralize acidity in oil production, in oil refining and in petrochemical processes.
ES	WET-Treat <sup>®</sup> 10200	FILMING CORROSION	Prevent corrosion in oil production, tanks, pipelines, oil refining and petrochemical processes.
DOWNSTREAM PROCESSES	WET-Treat <sup>®</sup> 10250	FILMING & NEUTRALIZING CORROSION INHIBITIORS	Used to neutralize acidity and to prevent corrosion in oil production, tanks, pipelines, oil refining and petrochemical processes.
	WET-Treat <sup>®</sup> 10300	DISPERSANT & ANTIPOLYMERIZANT	Used in fractionating towers, crude units, furnaces, heat exchangers, reboilers of refinery and petrochemical plants. To prevent metal contamination, oxidation and gums formation in hydrocarbon fuels such as gasolines and jet fuels.
	WET-Treat <sup>®</sup> 10320	DISPERSANT & ANTIOXIDANT	
	WET-Treat <sup>®</sup> 10340	DISPERSANT & ANTIOXIDANT & METAL CHELANT	
	WET-Treat® 10360	ANTIOXIDANT	
	WET-Treat <sup>®</sup> 10380	ANTIPOLYMERIZANT, CAUSTIC TOWER	
	WET-Treat <sup>®</sup> 10390	ANTIOXIDANT (MILITARY APPROVED)	
	WET-Treat <sup>®</sup> 10400	ANTIFOAM	Used to prevent foaming in such processing equipments such as delayed cokers, Udex units, vacuum units, propane deasphalting, amine scrubbing units, caustic systems etc.
	WET-Treat <sup>®</sup> 10500	H <sub>2</sub> S SCAVENGER	Widely used in hydrocarbon and chemical processing facilities. These specialized chemicals react selectively with and remove $H_2S$ .
<u>B</u>	WET-Treat <sup>®</sup> 10510	LUBRICITY IMPROVER	Can prevent against engine wear and reduce maintenance costs.
FINISHED ADDITIVES	WET-Treat® 10520	CFPP (Cold Flow Plugging Point Improvers for Gasoil)	Designed to modify the size and shape of the wax crystals in order to allow the treated diesel to operate at lower temperatures without problems.
ED	WET-Treat <sup>®</sup> 10530	PPD (Pour Point Depressant)	Used especially in heavy fuel oil helps to enhance the handling properties of the fuel itself.
FINISH	WET-Treat <sup>®</sup> 10540	WAX DISPERSANT	Designed to lower the Pour Point of heavy Waxy Crude and other heavy Fuels to control the deposition of Wax in the downstream facilities of Refineries, Crude Oil Pipelines and other surface Equipment. Aliphatic Hydrocarbon Waxes are present in most of Crude Oils.
	WET-Treat® 10550	ASPHALTENE DISPERSANT	Reduce the precipitation of asphaltenes from crude oil.
AMINE UNIT	WET-Treat <sup>®</sup> 10620	FORMULATED MDEA	Reacting with all of the hydrogen sulfide $[H_2S]$ , and only part of the carbon di-oxide $[CO_2]$ .
	WET-Treat <sup>®</sup> 10630	NEUTRALIZING AMINES	Designed for pH control.
IINE	WET-Treat® 10640	CORROSION INHIBITOR	Help prevent corrosion caused by strong acids in condensing systems.
ΔF	WET-Treat <sup>®</sup> 10650	ANTIFOAM	Are intended to facilitate gas and liquid disengagement by weakening the cell structure of the bubbles.

#### OIL&GAS FIELD TREATMENT CHEMICALS

PRODUCT CODE	FUNCTION	DESCRIPTION
OIL-Treat <sup>®</sup> 15100	SCALE INHIBITORS	These give protection from mineral scale deposition even under elevated temperatures and pressure.
OIL-Treat <sup>®</sup> 15150	EOR & PROFILE MODIFICATIONS	Increasing the viscosity of water by the use of polymer it's possible to remove the remaining oil from the formation.
OIL-Treat <sup>®</sup> 15200	IRON CHELATING AGENTS	Used to organic chelating agent for concentration control of iron and other metal ions in water systems.
OIL-Treat <sup>®</sup> 15225	ACID INHIBITORS	Designed to inhibit the attack of hydrochloric acid on iron and steel during acid operations in oilfield at low and high temperature profile.
OIL-Treat <sup>®</sup> 15260	H <sub>2</sub> S SCAVENGERS	A proprietary formulation designed to remove hydrogen sulfide.
OIL-Treat <sup>®</sup> 15300	BIOCIDES	Highly effective biocide for control of both aerobic and anaerobic bacteria in fresh water, sea water and low brines.
OIL-Treat <sup>®</sup> 15600	DRAG REDUCERS	Allowed pipeline systems to greatly increase in traditional capacity and extend the life of existing system.
OIL-Treat <sup>®</sup> 15650	ANTIFOAMS	Offers custom antifoamssilicone and non-silicone based for oil and gas exploration.
OIL-Treat® 15750	DEMULSIFIERS	Water in oil demulsifier& wetting agent intended to effectively separate formation water from emulsion in crude.
OIL-Treat <sup>®</sup> 15880	DEOILERS	Designed for removing oil particles emulsified (or dispersed) in the produced water in oil production.
OIL-Treat <sup>®</sup> 15990	CORROSION INHIBITIORS	Developed a broad range of high performance corrosion inhibitors designed to protect metal components, equipment and pipelines from failure throughout all stages of oil production.











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