

## ROYAL CASTOR PRODUCTS LIMITED – Oil Field Chemicals

FLUID SYSTEM/BASE FLUID	DESCRIPTION	BENEFITS	APPLICATIONS
<b>RMUL-91(Choice of synthetic/refined paraffin or diesel base oil)</b>	Multipurpose invert emulsifier for conventional mineral oil/diesel base invert emulsion fluid systems	-improves Thermal Stability >260 C  -Contaminant resistant	-Shelf Drilling  - ERD wells -260 °C+  -HPHT wells – 260 °C+  -Water Sensitive Formations <i>i.e.</i> where WBM do not perform well
<b>RFAM-35 Synthetic Base</b>	Multi-purpose secondary emulsifier for oil mud systems	-emulsion stabilizer  -secondary wetting agent  -viscosity modifier  -filtration control  - contamination resistance	-Brine-in-oil emulsions for oil mud systems
<b>RDIM-25</b>	Rheology modifier	-Enhances the emulsification of water into oil based muds  -improves fluid loss characteristics  -improved electrical stability  -improved yield point	-Oil based Muds
<b>RCP-SPS-E</b>	Low MW Sodium Petroleum sulfonate	Reduce water surface tension	Water , Oil & Ester based muds
<b>RCP- SPS-RP</b>	High MW Sodium Petroleum sulfonate	Rust Prevention	Water, Oil & Ester based muds

## ROYAL CASTOR PRODUCTS LIMITED – Oil Field Chemicals

FLUID SYSTEM/BASE FLUID	DESCRIPTION	BENEFITS	APPLICATIONS
<b>RCP-RA</b>	Thermo Stable Fatty acid	Emulsifier, Oil-Wetting agent,	Water, Oil and Ester Based Muds
<b>RCP HP-RA-40</b>	High Molecular weight hydroxylated fatty acid-	Rheology modifier, EP Additive, Lubricant, coupling agents	Water, Oil & Ester based muds
<b>RCP-HP-RA-100</b>	Low Molecular Weight hydroxylated fatty acid	Rheology modifier, EP Additive, Lubricant, coupling agents	Water, Oil & Ester based muds
<b>RCP-HP-30/100</b>	Polyol ester	Lubricant, Coupling agent, Secondary Emulsifier	Ester & oil based muds
<b>RCP-SME</b>	Multipurpose Sulfurized Additive	Lubricant, Wetting agent, EP Additive, Anti-corrosion	Oil and Ester based muds
<b>RCP SVO</b>	Multipurpose Sulfurized Additive	Lubricant, Wetting agent, EP Additive, Anti-corrosion	Oil and Ester based muds
<b>RCP-SO</b>	Multipurpose Additives	Lubricant, Wetting agent, EP Additive, Anti-corrosion	Oil and ester based muds
<b>RCP-RS-10</b>	Imidazoline based Additive	Anti-Corrosion , Secondary Emulsifier, Coupling	Water Based Muds
<b>RCP-RSO-11</b>	Imidazoline based Additive	Anti-Corrosion , Secondary Emulsifier, Coupling	Oil Based Muds
<b>RCP-RSC-12</b>	Imidazoline based Additive	Anti-Corrosion , Secondary Emulsifier,	Oil Based Muds

## ROYAL CASTOR PRODUCTS LIMITED – Oil Field Chemicals

FLUID SYSTEM/BASE FLUID	DESCRIPTION	BENEFITS	APPLICATIONS
		Coupling	
<b>RCP-AHW</b>	Environmentally Friendly Ester	Plasticizer, Base Oil	Oil Based Muds, Ester Muds
<b>RCP MCO</b>	Environmentally Friendly Ester I	Plasticizer, Base Oil	Oil Based Muds, Ester Muds
<b>RCP DEH-SU</b>	Environmentally Friendly Ester	Low temperature (-70°C) Plasticizer, Solvent, Base Oil	Oil Based Muds, Ester Muds
<b>RCP DEH-SE</b>	Environmentally Friendly Ester	Plasticizer, Solvent Base Oil	Oil Based Muds, Ester Muds
<b>RCP DIP-SU</b>	Environmentally Friendly Ester	Plasticizer, Solvent Base Oil	Oil Based Muds, Ester Muds
<b>RCP PE-TO</b>	Environmentally Friendly Ester	Plasticizer, Lubricant, Base Oil	Oil Based Muds, Ester Muds
<b>RCP TM-TO</b>	Environmentally Friendly Ester	Plasticizer, Lubricant, Base Oil	Oil Based Muds, Ester Muds
<b>RCP-AHCO</b>	Environmentally Friendly Ester	Plasticizer, Base Oil	Oil Based Muds, Ester Muds