FLUIDOS DE DEFORMACION

DEFORMATION FLUIDS		METHOD					METALS					APPLICATION																	
Product	Description	Brush/Roller	Dip	Spray	Flood	Electrostatic	Steel	Stainless Steel	Aluminum	Yellow Metal	Galvanized	Auto Panel Pressing	Cold Heading	Deep Drawing	Drawing	Electrical Steel Stamping	Fin stamping	Fine Blanking	Forging	Hydroforming	Mold/Form Release	Stamping	Tube Bending	Tube Drawing	Tube Expansion	Tube Pilgering	Mechanical Tube	Structural Tube	Wire Drawing
Soluble Oils (water-based)																													
pastas	Medium duty soluble forming fluid	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓			✓	✓						✓							
Iloform PS 200	Neat oil for heavy duty apps or diluted to emulsion or paste	✓	✓	✓	✓		✓	✓							✓							✓							
Synthetics (water-based)																													
Iloform PS 280	Light Duty synthetic forming fluid	✓	✓	✓	✓		✓			✓	✓	✓			✓							✓							
Iloform PS 326	Medium duty synthetic metal forming fluid	✓	✓	✓	✓		✓	✓			✓	✓		✓	✓							✓	✓						
Iloform PS 364	Heavy duty synthetic metal forming fluid	✓	✓	✓	✓		✓	✓						✓	✓							✓	✓		✓				
Iloform TRS 136	Synthetic tube mill coolant. Best for galvanized and other coated metals (Galvalum, Galvaneal).			✓	✓		✓				✓																✓		
Iloform TRS 185	Synthetic tube mill coolant. Best for structural tubing with minimum (<5%) P&O metal.			✓	✓		✓																					✓	
Iloform TRS 186	Synthetic tube mill coolant. Best for mechanical tubing with high levels of P&O metal.			✓	✓		✓																				✓		
Fluidform 107	Low cost tube mill coolant			✓	✓		✓																					✓	
Neat Oils - Environmentally Responsible																													
Performance Biolubes BioForm R40	Light viscosity, plant-based forming oil.	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓						✓	✓							
Performance Biolubes BioForm C60	Medium viscosity, plant-based forming oil.	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓						✓	✓							
Performance Biolubes BioForm Heavy Draw	High viscosity, plant-based forming oil.	✓	✓	✓	✓		✓	✓	✓	✓	✓			✓	✓					✓			✓						
Iloform PN 439	Plant-based cutting and forming fluid	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓						✓	✓							
Neat Oils - Mineral Based																													
Iloform CFX 25	Low vis, high EP forming oil	✓	✓	✓	✓		✓	✓					✓		✓							✓							✓
Iloform FST 14	Medium duty forming oil	✓	✓	✓	✓	✓	✓	✓					✓		✓			✓				✓	✓		✓				✓
Iloform FST 16	Heavy duty forming oil	✓	✓	✓	✓	✓	✓	✓						✓	✓			✓				✓							
Product WA 0049 D160	High viscosity, high lubricity, and high EP forming oil	✓	✓		✓		✓	✓						✓	✓							✓	✓	✓	✓				✓
Product WA 0050 D350	Very high viscosity, high lubricity, and high EP forming oil	✓	✓		✓		✓	✓						✓	✓							✓	✓	✓	✓				✓
Pastes, Gels, and Waxes																													
Iloform PS 104	Soluble forming paste for medium duty deep drawing.	✓	✓				✓	✓	✓	✓				✓	✓								✓		✓				✓
Iloform PS 700	Synthetic wax emulsion paste	✓	✓			✓	✓	✓	✓		✓		✓	✓	✓					✓	✓	✓							
Iloform Stick Wax	Solid lubricating waxes for cutting & drawing in multi-metal.	Hand applied					✓	✓	✓	✓																			
Hydroforming																													
Iloform HFO 20	External hydroforming oil; outer lube.	✓	✓	✓		✓	✓	✓						✓				✓		✓									
Iloform HFW 2	Hydroforming. Aqueous synthetic intensifier solution.		✓	✓	✓		✓	✓												✓									
Iloform RS 5116	Aqueous, synthetic intensifier solution; internal lube.		✓	✓	✓		✓	✓												✓									
Solvent Based Vanishing Oils																													
Iloform 7425	Light duty vanishing oil	✓		✓	✓		✓		✓	✓	✓	✓				✓	✓					✓							

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