NEAT OILS & GREASES
SELECTION GUIDE

NEAT OILS

CONDAT offers a wide range of lubricants with different types and levels of additives mainly used as follows:

- chlorinated for stainless steel
- sulphurized for carbon steel
- fatty ester for aluminum and copper

A large range of viscosity is available to fit most of the cold forming applications ranging from ferrous to non ferrous materials.

Chemically neat lubricants can be also classified by their base oil:

- mineral
- semi-synthetic
- synthetic

GREASES

Condat proposes a specific range for applications where a very viscous product is required to provide a thick lubricant film enabling strong deformation. These products are typically used for single pass / skin-pass drawing for cold heading applications or prior to wet-drawing, as well as for drawing bars (round and profiles) and tubes.

			Carbon Steel	Stainless Steel	Zinc Coated	Aluminum & Alloys	Copper alloys Copper coated	
VICAFIL™	Neat oils	TFH 12 - TFH 1432	•		•	•	•	Low viscosities. Rolling and drawing. Low residues.
		TFH 660 - TFH 1158	•		•		•	Low viscosities. Rolling and wet drawing.
		TFH 1218 - TFH 1167 - TFH 1460				•		Aluminum welding wire. High resistance to oxidation.
		TFH 376	•					Wire straightening & protection.
		TFH 1058 - TFH 4002	•		•		•	Large diameter wire or bar drawing. No residues after annealing.
		TFH 429 - TFH 1551 - TFH 200	•					Skin pass drawing. Cold heading. Bar drawing.
		TFH 81	•					High duty. No residues after annealing.
		TFH 223	•	•	•			Versatile. Very small diameters. High speed. Synthetic.
		TFH 1039 - TFH 4036 - TFH 432 TFH 237		•				Difficult drawings. EP additives. Low viscosities.
		TFH 4557- TFH 4321		•				Difficult drawings. EP additives.
		TFH HCB - TFH 486 - TFH 4065		•				Difficult drawings. EP additives. High viscosities.
VICAFIL™	Greases	TFG 879	•		•			Skin pass before wet drawing. Drawing of baked Flux Core wire.
		TFG 741	•		•			Skin pass drawing (cold heading, drawing before jacketing).
		TFG 4298	•	•	•		•	Bar drawing, no residues after annealing.
		TFG 4295		•				Skin pass drawing (cold heading, bars & profiles).

Please refer to our complementary additives range to help you manage your lubricant lifetime and performance.

CONDAT

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