



METALON PULSER OIL

A METALON/Synthetic Blend

INFORMATION and ASTM/ENGINEERING DATA

METALON PULSER OIL has been specifically formulated to address the many obstacles confronting MWD PULSER operations. The pulser is subjected to tremendous pressure and friction, causing very high operating temperatures. These extreme conditions, often at depths exceeding 5000 feet, adversely affect the life of the pulser, whether it be a solenoid or linear drive motor. As a result, increased downtime and maintenance costs are incurred.

METALON PRODUCTS delivers the practical solution.

METALON PULSER OIL, is formulated with **METALON C2** and a high quality Synthetic Oil. This unique, proprietary blend provides many benefits. The **METALON** in **METALON C2** creates a monomolecular, friction and heat reducing, wear-resistant shield that instantly bonds *chemically* with all ferrous and non-ferrous metal surfaces, that will not drain off. This applies to all the metal components of the pulser's electro-mechanical assembly, increasing its efficiency. The inherent quality of heat reduction of **METALON**, helps to preserve the integrity of the quality Synthetic Oil in this unique, cost-effective blend.

INSPECTION DATA:

(According to ASTM Specifications)

<u>DESCRIPTION</u>	<u>ASTM METHOD</u>	<u>TEST RESULTS</u>
Specific Gravity	D-1298	0.8513
Colour, ASTM	D-1500	1.0
Flash Point °F (°C) (Open Cup)	D-92	450 (232)
Pour Point °F (°C)	D-97	-17 (-27)
Viscosity, SUS @ 100 °F (40 °C)	D-445	41.27
@ 210 °F (100 °C)	D-445	6.49
Viscosity Index	D-2270	108
Rust Test (Synthetic Sea Water)	D-665B	Pass – No Rust
Corrosion Test, Copper Strip	D-130	1B - No Corrosion
FALEX Pins & Vin Block test Final Torque	D-2271	Broken at 1020 in.lb Torque at 9

NOTE: The information and data presented herein are based on tests, reports and research we believe to be accurate and reliable. The information and data are provided without warranty, guarantee or liability on our part and are therefore, provided to customers for their own investigation, verification and consideration.

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