



MolyDane Fluid Concentrate

MoS-2 MolybdenumDisulphide solid lubricant dispersion in mineral oil. Ad to Gearoils / industrial oils.

Solid lubricant dispersion in mineral oil for metal/metal combinations involving medium to high loads and speeds

Applications

Suitable for oil lubricated friction contacts requiring additional lubrication to reduce wear and to extend service life

Used successfully as an additive to oil, for example: on highly stressed plain and roller bearings, guides, spindles and gears, also in cutting and non cutting metalworking. It has also use in engines for protection against wear dry running. Use in Compressors and hydraulic systems has also been done with success. Temperature: service temperature °C depends on the lubricating oil used, so PAO and Esters will allow higher temperature than mineral oil.

For professional use only. The above information is given in good faith but without warranty and does not constitute a technical specification. For technical support and application guidance call +45 70 26 70 07 or sq@reinhardoil.dk

Properties

Fluid Concentrate do mix well with all mineral oils and part synthetic as well as fully synthetic motoroils and industrial oils Group 2, 3 and 4., hydro cracked mineral oils and PAO synthetic fluids and many esters, but NOT PolyGlycol gear oils.

Fluid Concentrate is stable, also at higher permanent thermal and dynamic loads and can pass filters in most normal filter systems without ending up all in the filter.

Fluid Concentrate reduces run in and normal wear, improves the lubrication under high pressures, and under normal working conditions, and provides some insurance against dry (shortly running without serious damages. Lowering the friction can also give some reduction in oil and fuel consumption.

FC gives safe lubrication for longer equipment life /wear parts life and protects against short dry running.

Typical properties

Carrier	Neutral mineral oil ISO 100 (SAE 30) Solvent refined.
Colour	Gray-black to black
MoS2 specification	MIL-L-7866 B, DEF 2304, CS 2819
MoS2 particle size	0,5 µm average
Dry content MoS-2	5 %

Usefull Temperatures

as mineral oils, they will carbonise at higher temperatures, but gives dry lubrication shortly up to 400°C.

Useful area

Ad to motor- gear- hydraulic-, Compressor- and cutting oils, where the demands are high.

Use

Ad to lube oil/fluid 3 - 5 %. By extreme demands up to 10%, but then you have to keep an eye at the filters to ensure full flow through the filters

MolyDane is a program of special lubricants

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