

## Description

FG HYDRAULIC is a hydraulic product formulated using highly-refined compounds that meet the highest food industry standards and the requirements for lubricants with incidental food contact established by the FDA in section 178.3570 of the Code of Federal Regulations. The lubricant is formulated using white mineral oils improved with anti-oxidant, rust-protection, and anti-wear additives that are approved by the U.S. Food and Drug Administration. They are particularly suitable for use as hydraulic fluid and in oil hydraulic control valves in systems that could contaminate food products in the event of leaks. They can also be used as a lubricating fluid.

## Properties

- Good filterability and fully compatible with gaskets
- High resistance to ageing and sludge formation.
- Great anti-rust and anti-wear properties.
- Great demulsability.
- Excellent anti-foaming properties.

Registered as an H1 lubricant with the NSF

## Quality levels

Depending on the viscosity of the product, it meets the following quality standards:

- DIN 51524 Part 2 HLP
- AFNOR NFE 48603-HM
- HM according to ISO 6743/4.



## Technical specifications

	UNIT	METHOD	VALUE			
ISO grade			32	46	68	100
Viscosity at 40°C	cSt	ASTM D445	32	46	68	100
NSF registration no.			154735	154481	154482	154736
Viscosity index		ASTM D2270	105	105	105	100
Flash point	°C	ASTM D92	170	180	200	215
Pour point	°C	ASTM D97	-21	-21	-18	-18
Copper Corrosion 3h at 100°C		ASTM D130	1 a	1 a	1 a	1 a
Aniline point	°C		105	105	105	105
Rust resistance procedure A & B		ASTM D665	Pass	Pass	Pass	Pass
Density at 20°C	g/cc		0.848	0.853	0.859	0.865
Demulsification	ml		40/37/3	40/37/3	40/37/3	40/37/3

The above mentioned characteristics are typical values and should not be considered product specifications.

A safety information sheet is available on request.

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