



Food Grade



MAKER FG HYDRAULIC

Description

MAKER 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.
- MOAHs free (Mineral Oil Aromatic Hydrocarbon).

Quality levels, approvals and recommendations

- AFNOR NFE 48603-HM
 - DIN 51524-HLP
 - Halal Certified
 - Halal Certified*
 - ISO 6743/4 HM, 11158 HM
 - NSF H1*
- *Formal approval



Safety data sheets are available at: <https://lubricants.repsol.com/en/>

Lubricant Technical File RP_7135G, RP_7135H, RP_7135I, RP_7135J

March 2025



188687-SP-4202



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Technical specifications

	UNIT	METHOD	VALUE			
NSF registration number H1			154735	154481	154482	154736
ISO Viscosity Grade			32	46	68	100
Density at 20 °C	g/cm3	DIN 51757-4	0.848	0.853	0.859	0.865
Kinematic viscosity at 40 °C	cSt	ASTM D445	32.2	46.1	68.1	106.2
Viscosity index	-	ASTM D2270	105	105	105	100
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1 a	1 a	1 a	1 a
Flash point, open cup	°C	ASTM D92	170	180	200	215
Pour point	°C	ASTM D97	-21	-21	-18	-18
Rust, method A	-	ASTM D665	Pass	Pass	Pass	Pass

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



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