

Description

Premium ashless hydraulic oil suited for use in hydraulic circuits and public works machinery equipped with all kinds of pumps. In general, it can be used in any type of mechanisms that require oils with excellent antiwear and outstanding filterability. Hidraulico SC includes special additives for hydraulic systems with extremely fine tolerance servo-valves, where an excellent filterability in the hydraulic fluid is required. Its zinc free technology avoids wash off of the additives when the oil is polluted with water, keeping the same superior cleanliness, air release feature and antifoam characteristic.

Properties

- Resistance to oxidation, ageing and buildup of Varnish and Sludge, thanks to its outstanding antioxidant feature.
- Ashless technology to perform properly with fine tolerance equipment.
- Outstanding air release to avoid air bubbles going into the system.
- Permits water to readily separate from the oil in the system to avoid rust and emulsions.
- Anti-wear and extremely high EP properties to provide protection over a wide range of conditions.

Quality levels, approvals and recommendations

- DIN-51524 Part 2 HLP
- ISO 6743/4 HM
- ISO 11158
- PARKER DENISON HF-0, HF-1 and HF-2
- AFNOR FILTREABILITY (NF E 48-690 y 48-691)
- AFNOR NF E 48-603 HL, HM
- MAG IAS

Technical specifications

	UNIT	METHOD	VALUE
ISO Grade			46
Viscosity at 100 °C	cSt	ASTM D445	6.8
Viscosity at 40 °C	cSt	ASTM D445	46
Viscosity index	-	ASTM D2270	110
Density at 15 °C	g/cm ³	ASTM D4052	0.863
Flash point	°C	ASTM D92	226
Air release (50°C)	min	ASTM D3427	2
Pour point	°C	ASTM D97	-24
Rust protection (A&B methods)	-	ASTM D665	Pass
TAN	mg KOH/g	ASTM D974	0.4
Demulsibility at 54 °C	min	ASTM D1401	20
FZG A/8. 3/90, damage stage	Step	ASTM D5182	11

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