

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

- 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			32	46	68
Viscosity at 100 °C	cSt	ASTM D 445	5.4	6.8	8.6
Viscosity at 40 °C	cSt	ASTM D 445	32	46	68
Viscosity index		ASTM D 2270	110	110	108
Density at 15 °C	g/cm ³	ASTM D 4052	0.851	0.863	0.874
Flash point	°C	ASTM D 92	210	226	246
Air release (50°C)	min	ASTM D3427	1.6	2	2.4
Pour point	°C	ASTM D 97	-24	-24	-24
Rust protection (A&B methods)		ASTM D 665	Pass	Pass	Pass
TAN	mg KOH/g	ASTM D 974	0.4	0.4	0.4
Demulsibility @ 54°C	min	ASTM D1401	20	20	20
FZG A/8. 3/90, damage stage	Step	ASTM D5182	11	11	11

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

A safety data sheet is available on request.

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Technical data sheet for Lubricant RAS455. Revision 1. March 2020.