

Description

Range of oils of the so-called turbine type, both due to their manufacturing process and because, in fact, some of the oils are specifically formulated for said application. They are obtained from selected paraffinic bases to which oxidation, rust and anti-foam inhibitor additives are added to endow them with excellent properties and magnificent performance in service.

The lowest viscosity oils (ISO grades 7, 15 and 22) are generally used in high precision or highly revolutionary mechanisms. ISO grades between 32 and 100 (inclusive) are normally used in turbines, mainly steam or hydraulic, but they are also highly suitable for compressors, hydraulic systems, etc. The higher viscosity oils (types 125, 150, 220 and 380) are suitable for the lubrication of various types of mechanical equipment, in casing or by circulation.

Properties

- High resistance to ageing and sludge formation
- Excellent anti-foam properties and air separation capacity.
- Great water separation capacity and resistance to rust.

Quality levels

These oils comply with or exceed the following quality levels.

	ISO-TYPE GRADE							
	22	32	46	68	100	(125)	150	220
DIN 51515 (part 1)		L-TD	L-TD	L-TD	L-TD			
DIN 51517 (part 2)	CL	CL	CL	CL	CL	CL	CL	CL
DIN 51506	VCL	VCL	VCL	VCL	VCL	VCL	VCL	VBL
ISO 6743 (part 2)	FC	FC	FC	FC	FC	FC	FC	FC
ISO 6743 (part 3 A): DAB/DVA/DVC/DVE	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
ISO 6743 (part 4)	HL	HL	HL	HL	HL	HL	HL	HL
ISO 6743 (part 5): TSA/TGA	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
ISO 6743 (part 6)	CKB	CKB	CKB	CKB	CKB	CKB	CKB	CKB

A safety data sheet is available on request.

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Technical specifications

	UNIT	METHOD	VALUE									
			7	15	22	32	46	68	100	(125)	150	220
Viscosity at 40 °C	cSt	ASTM D 445	7	13,8	24	32,0	46,0	68	100	125	150	220
Viscosity at 100 °C	cSt	ASTM D 445	2.1	3.4	4.3	5.4	6.8	8.5	11	13	14.5	19
Viscosity index		ASTM D 2270	97	95	100	100	98	98	97	97	97	95
Density	g/cm ³	ASTM D 4052	0.846	0.860	0.865	0.87	0.880	0.880	0.885	0.890	0.890	0.895
Pour point	°C	ASTM D 97	-27	-18	-15	-15	-12	-12	-12	-12	-12	-12
Flash point	°C	ASTM D 92	150	180	200	215	220	230	245	255	260	260
No. neutralisation at 2000 h	mgKOH/g	ASTM D 943	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

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