

Description

Repsol Astra fluids are made with mineral oils obtained from paraffinic crude oils treated specially with solvents during the refining process in order to achieve excellent oxidation resistance properties. They include additives which increase their ability to support large loads and promote the formation of stable emulsions.

They are extreme pressure oils, especially suited to lubricating drills, hammers and pneumatic tools, even under severe working conditions. Also for all pneumatic mechanisms that require a fluid with the ability to capture water drops, thus preventing contact with metal surfaces.

Properties

- Good anticorrosive and antirust properties, both at high and low temperatures.
- Emulsion form stable with water.
- Excellent EP properties preventing the wear of mobile parts and reducing the formation of deposits and pollutants.
- Good adhesion.

Quality levels

- ISO 6743 / 11 – PAC and PBC.
- Meets the requirements of major OEMs: Atlas Copco, Ingersol Rand, Gardner Denver, etc.

Technical specifications

	UNIDAD	METODO	VALOR		
ISO Viscosity Grade			46	100	150
Viscosity at 40 °C	cSt	ASTM D 445	46	100	150
Viscosity at 100 °C	cSt	ASTM D 445	7	11.3	14.67
Viscosity index		ASTM D 2270	100	97	97
Flash point O/C	°C	ASTM D 92	220	230	230
Density	g/cm ³	ASTM D 4052	0.877	0.887	0.892
Pour point	°C	ASTM D 97	-24	-18	-15
Emulsión at 54 °C and 30 min	mL	ASTM 1401	80	80	80
4 Ball machine, print diameter	mm	ASTM D 4172			
at 15 kg			0.31	0.25	0.25
at 40 kg			0.42	0.36	0.36
4 Ball machine, EP properties		ASTM D 2783			
Soldering load	Kg		250	315	315
Load/wear index	--		43.5	57.8	48.7
Rust resistance, method A		ASTM D 665	Pass	Pass	Pass

A safety data sheet is available on request.

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