



HIDRAULICO C-3 EP

INDUSTRY

Description

Repsol Hidráulico C-3 EP oils are highly refined, paraffin based, hydraulic transmission fluids with special additives enabling them to meet the requirements of GM Allison fluids of the C-3 type. They have exceptional resistance to oxidation, to rust and to foam, in addition to anti-wear qualities.

Recommended uses

They are recommended for use in hydraulic transmission circuits of lorries, buses and Public Works and Mining machinery which are subject to very severe conditions of use requiring a fluid of this type which meets the aforementioned Allison C-3 type specifications. They may also be used in conventional hydraulic circuits.

Properties

- Antioxidant properties.
- Good stability against foam formation.
- Great resistance to ageing and sludge formation.
- High viscosity rate.
- Low freezing point.
- Does not alter rubber compounds.
- Good viscosity performance at low temperatures.

Quality level

- GM Allison type C-3.

Technical characteristics

	UNIT	METHOD	VALUE	VALUE
Colour		Visual	Red	Red
ISO VG Grade			32	46
Viscosity at 40°C		ASTM D 445	32	46
Viscosity at 100°C	cSt	ASTM D 445	5.5	7
Viscosity index	-	ASTM D 2270	110	110
Pour point	°C	ASTM D 97	-30	-30
Flash point	°C	ASTM D 92	190	200
FZG Step, min		DIN 51354	10	10

Available in

185 kg drum.

■ Hazard identification

This product is not classified as toxic or hazardous under current legislation.

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and Safety Hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Seek medical advice.

Contact with the skin: Wash with plenty of water and soap.

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-fighting measures

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

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Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.