



ALPINE COREX POLAR S 320, S 370

Special hydraulic oil

Description

ALPINE COREX POLAR S 320 and S 370 are specially compounded hydraulic oils made of base oils selected for optimum effect. The specifically formulated zinc- and silicone-free additives, combined with the specially selected supplements, provide maximum operational reliability for the entire service life of the oil.

Advantages

- Outstanding water separation capabilities
- Excellent shear stability
- Extremely flat viscosity temperature curve
- Very low Pourpoint
- Oxidation and ageing stability
- Protects very effectively against corrosion and damage for machines not in use for long periods
- Compatible with standard commercial seals, O-rings and paint coatings

Field of application

The products are specially designed for all kinds of mountain railways/railways for transporting goods so that service brakes, safety spring-loaded brakes, hydraulic clamping cylinders, emergency drives, etc. can operate properly to specification. These special pressure liquids are particularly suitable in hydraulic systems which need to operate safely and problem-free in very cold conditions and are exposed to high heat at the same time.

Specifications

HVLP according to DIN 51524/T3
 HV according to ISO 6743/4
 Recommended by GARAVENTA AG

Information

ALPINE COREX POLAR S 370 can be mixed with the existing ALPINE POLAR / HOTZ HYLR-OLYT HY 350 product in any ratio. As it is compatible, this new oil can be used in the same systems. The new ALPINE COREX POLAR S 320 also replaces the existing ALPINE POLAR / HOTZ HYLR-OLYT HY 310 oil. This product too, can be mixed in any ratio and is compatible.

Technical data

Properties	Unit	Test according to	Values	
ALPINE COREX POLAR			S 320	S 370
Color		DIN ISO 2049	colourless	red
Density at 20 °C	g/ml	ASTM D 4052	0.837	0.848
Viscosity at -40 °C	mm ² /s		< 600	< 1300
Viscosity at 40 °C	mm ² /s	DIN 51562-1	15	32
Viscosity at 100 °C	mm ² /s	DIN 51562-1	4.5	9
Viscosity index		DIN ISO 2909	> 250	> 280
Pourpoint	°C	ASTM D 5950	≤ -50	≤ -45
Flash point	°C	DIN EN ISO 2592	> 150	> 120

Water hazard class: WGK 1
 Disposal code: VeVA/EWC 130 205

The above information is subject to change without prior notice, although it is in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available for the product described.

