



BP Energol HL-XP 32

Special EP Hydraulic Oil

Description

BP Energol HL-XP 32 has been developed specifically for hydrokinetic transmission units with integral reduction gears.

Application

Energol HL-XP 32 is formulated for hydrokinetic transmissions used mainly in railway locomotives. Other applications include trucks and heavy off-highway equipment incorporating this type of transmission unit. The oil is also suitable for conventional industrial gearboxes where a low viscosity oil is suitable.

This oil provides higher load carrying performance compared to conventional antiwear hydraulic fluids, together with excellent oxidation resistance, anti-corrosion and minimal foaming.

Energol HL-XP 32 is fully compatible with nitrile, silicone and fluropolymer seal materials.

Energol HL-XP 32 meets the requirements of:

Voith Turbo
Deutsche Bahn

Advantages

- Superior extreme pressure and load carrying properties reduces wear and downtime from unscheduled maintenance.
- Excellent protection against corrosion results in less maintenance.
- Rapid air release and low foaming tendency prevents foaming and gear damage.
- Superior thermal stability means less risk of deposits in gearbox.

Typical Characteristics

Test	Method	Units	32
Density @ 15°C	ISO 12185 / ASTM D4052	g/ml	0.87
K.V. @ -17.8°C	ISO 3104 / ASTM D445	mm ² /s	1500
K.V. @ 40°C	ISO 3104 / ASTM D445	mm ² /s	32
K.V. @ 50°C	ISO 3104 / ASTM D445	mm ² /s	22
K.V. @ 100°C	ISO 3104 / ASTM D445	mm ² /s	5.7
Viscosity Index	ISO 2909 / ASTM 2270	-	103
Pour Point	ISO 3018 / ASTM D97	°C	-36
Flash Point, PMC	ISO 2719 / ASTM D93	°C	200
Foam Sequence I	ISO 6247 / ASTM D892	mls/mls	10/0

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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