

SYNDUS RE

SYNTHETIC LUBRICANT (POLYGLYCOL) FOR GEARS IN GEARBOXES



APPLICATIONS

SYNDUS RE is formulated based on synthetic oil offering better protection for gears operating at high temperature in the steel industry, calenders, etc.

SYNDUS RE can be used like life-lubrication of small reduction gears.

SYNDUS RE is compatible with reduction gears requiring a lubrication at low temperature or where high temperature gradients exist.

SYNDUS RE is specially recommended for DAVID BROWN reduction gears and COLES cranes.

SYNDUS RE is polyglycol-based, it is not compatible with mineral oils, always completely drain and flush out the gearboxes, e.g. with diesel fuel.

BENEFITS

- Very high thermal stability allowing their continuous use at temperatures up to 200°C.
- Very low tendency to form sludge and solid deposits, thereby keeping the gearboxes cleaner, resulting in less frequent lubricant changes.
- High viscosity index and low pour point, ensuring good lubrication in a wide temperature range.
- Friction coefficient reduced by decreasing the lubricant temperature by several centigrade degrees, allowing a substantial savings through a longer lubricant life and high equipment efficiency.
- High Extreme Pressure and wear resistance capability, reducing wear on the equipment.

PERFORMANCE

PERFORMANCE LEVELS

NF ISO 6743-6 CKS & CKT
DIN 51517 Part 3 CLP
DAVID BROWN, CMD, COLES

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA			
ISO grade	-	-	150	220	320	460
Specific gravity at 20°C	kg/m ³	NF T 60-101	1000	1019	1043	1050
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	137	202	344	458
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	22,7	34	58,2	67
Viscosity index	-	NF T 60-136	195	216	240	223
Pour point	°C	NF T 60-105	-30	-27	-30	-33
Flash point	°C	NF T 60-118	260	270	274	286
Copper corrosion	quotation	NF M 07-015	1a			
Rust inhibiting power	-	NF T 60-151 A/B	no corrosion			

This typical data is given for information only

HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used lubricants.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your entire disposal.