

SYNDUS RE

SYNTHETIC LUBRICANT FOR INDUSTRIAL GEARBOXES

230096-230097-230098/05.19

Rev. 4

DESCRIPTION & APPLICATIONS

SYNDUS RE are lubricants with an excellent thermal stability and extreme pressure and anti-wear properties for industrial gearboxes.

- gears operating at high temperature in steel industry, calanders, etc..
- life-lubrication of small reductions gears
- lubrication at low temperature or where high temperature gradients exist
- lubrication of worm and worm wheel gearing
- specially recommended for David Brown reduction gears and COLES cranes

Attention: SYNDUS RE is made based on PAG (POLY GLYCOL) and not compatible with mineral or other synthetic oils.

We recommend that when switching over to Syndus RE, regardless of the previously used product, to always empty and flush the carters completely beforehand.

ADVANTAGES

- Very high thermal stability allowing 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.
- SYNDYS RE are compatible with the following elastomers: viton, kalrez, silicones, epr, polysulfide, butyl, buna S, buna N, hycar, natural rubbers, neoprene, hypalon.

PERFORMANCES

Satisfies to the following specifications:

ISO 6743 CKS

DIN 51517 4.3

SYNDUS RE

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used oils disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA		
ISO VG	-	-	150	220	460
Specific gravity at 15°C	kg/m ³	NFT 60101	1076	1065	1062
Kinematic viscosity at 40°C	mm ² /s (cSt)	NFT 60100	140	220	460
Kinematic viscosity at 100°C	mm ² /s (cSt)	NFT 60100	22	34,3	69,9
Viscosity index	-	NFT 60136	189	204	231
Flash point	°C	NFT 60118	268	268	270
Pour point	°C	NFT 60105	-42	-39	-36
Product number	-	-	230096	230097	230098

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA
Antiwear and EP characteristics	-	FZG test	12
Copper corrosion	-	ASTM D 130	1a none
Steel corrosion	-	ASTM D665	none
Falex-test : failure load	lbs	FALEX	2900
Friction coefficient	-	-	0,0184
Viscosity loss after 4 years	%	practical test	4

The average values are given for information only.