

75W90-S, 80W90-S

Synthetic lubricant for gearboxes

Description

PROLAB's 75W90-S and 80W90-S products are synthetic oils for industrial gearboxes with exceptional properties: they outclass standard oils by their performance and durability.

Characteristics and Benefits

PROLAB's 75W90-S and 80W90-S synthetic oils for industrial gearboxes are the result of an innovative formulation that protects gears against wear caused by friction by covering metal surfaces of bearings, pinions and crankcases with a lubricant coating thus providing power transfer integrity, a much smoother operating mode and greater reliability and efficiency. The 75W90-S and 80W90-S synthetic oils are particularly effective in gearboxes working with heavy loads and in extreme conditions. They offer maximum protection against oxidation and corrosion, have built-in superior anti-foaming characteristics and remain fully effective in low temperature start-ups as well as in high temperature operation.

Types of Application

Use PROLAB's 75W90-S and 80W90-S synthetic oils in all types of industrial gearboxes, journal bearings or rolling-contact bearing.

Directions for Use

Follow the manufacturer's instructions for the lubrication of the specific piece of equipment.

Notes

For better results, it is highly recommended to use PROLAB's [DE-25 Decontaminant](#) prior to using a new lubricant.

Available Sizes

4 L, 20 L, 55 L, 205 L

Product Code

585: 75W90-S

584: 80W90-S

Characteristics	ASTM Test	Typical Values	Typical Values
		75W90-S	80W90-S
SAE grade		75W90	80W90
Standards		API GL-5, GL-4, MT-1 U.S. Steel 224 AGMA 250.04 MIL-PRF-210SE MACK GO-J SAE J2360	API GL-5, GL-4, MT-1 U.S. Steel 224 AGMA 250.04 MIL-PRF-210SE MACK GO-J SAE J2360
Appearance		Yellow	Yellow
Flash Point	D92	200°C	214°C
Fire Point	D92	230°C	228°C
Pour Point	D97	<= -42°C	<= -40°C
Specific Gravity at 15°C	D4052	0,8570 g/cm ³	0,8576 g/cm ³
Viscosity at 40°C	D445	105 cSt	104 cSt
Viscosity at 100°C	D445	15 cSt	15,1 cSt
Viscosity index	D2270	156	152
Rust Preventative Characteristics (A) Distilled Water	D665	Pass	Pass

(B) Sea Water		Pass	Pass
Foaming characteristics			
- Sequence #1	D892	10/0 ml	5/0 ml
- Sequence #2		20/0 ml	30/0 ml
- Sequence #3		5/0 ml	10/0 ml
Demulsibility Characteristics			
- Water in Oil	D2711B	0,5 %	0,6 %
- Total Free Water		87 ml	88 ml
- Emulsion		0 ml	0 ml
4-Ball Wear	D4172	0,32 mm	0,34 mm
4-Ball Wear Extreme Pressure			
- Load Wear Index	D2783	73	71
- Weld Load		400 kg	400 kg

ENSURE YOU HAVE THE MOST UP-TO-DATE INFORMATION BY REGULARLY VISITING THE PRODUCT PAGE ON OUR WEBSITE TO ACCESS THE LATEST VERSION OF THIS TECHNICAL DATA SHEET.

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