

# ESCA COMPRESSOR W

H1 Food Grade Compressor Oil

212090-212100/02.22

Rev. 2

## **DESCRIPTION & APPLICATIONS**

ESCA COMPRESSOR W are based on a mixture of white oils and utilize the latest available additive technology providing outstanding resistance to oxidation and thermal degradation required in screw and rotary-vane compressors in the food-, feed- and pharmaceutical industries.

ESCA COMPRESSOR W meet the requirements of FDA 21 CFR 178.3570 and is H1-registered for processes where incidental food contact can occur.

All ESCA H1-registered products are manufactured according to ISO 21.469:2006 which supports producers' HACCP and GMP programs.

ESCA H1-lubricants do not contain ingredients of animal origin or genetically modified products and are KOSHER and HALAL certified.

## **ADVANTAGES**

- Excellent oxidation stability
- Outstanding thermal resistance
- Good water separation and air release
- High wear protection
- Extended drain intervals

## **PERFORMANCES**

Satisfies to the following specifications:

InS H1

DIN 515006:2017-08 VDL

ISO 6743-3-L-DAH / DVA

KOSHER

HALAL

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## 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	
Appearance	-	-	Clear yellow	Clear yellow
ISO VG	-	-	46	100
Specific gravity at 15°C	kg/m <sup>3</sup>	NFT 60101	875	882
Kinematic viscosity at 40°C	mm <sup>2</sup> /s (cSt)	NFT 60100	45	99
Kinematic viscosity at 100°C	mm <sup>2</sup> /s (cSt)	NFT 60100	7	12
Viscosity index	-	NFT 60136	106	104
TAN (TotalAcid Number)	mg KOH/g	ASTM D 664	0,7	0,6
Flash point (COC)	°C	ASTM D 92	224	230
Pour point	°C	ASTM D97	-35	-31
Copper corrosion	-	ASTM D 130	1a	1a
Steel corrosion	-	ASTM D665	pass	pass
Demulsibility at 54°C ml oil/water/emulsion	min	ASTM D1401	9	18
4 Ball weld load	kg	ASTM D2596	160	200
4 Ball scar diameter, 1200 rpm, 75°C, 40 Kg	Ø mm	ASTM D4172	0,33	0,31
Application temperature	°C	-	-20 à 140	-15 à 140
Product number	210 L	-	212090	212100
Product number	20 L	-	212092	212102
InS H1 registration number			1796395	1796396

*The average values are given for information only.*