

Turbine oils
ISO L-TSA/TGA

FAM[®] TURBOL PLUS

Turbine oils are made from high quality hydrocracked base oils with increased oxidation stability, with anti-wear additives and corrosion inhibitors, the result of which is prolonged oil change interval. They do not contain zinc-based additives, they have lower tendency of deposit creation, they have exceptional properties of water and air separation, as well as a low foaming tendency.

ADVANTAGES

- Prolonged oil lifetime during exploitation;
- Good resistance to corrosion;
- High oxidation stability and resistance to deposit creation;
- High thermal and chemical stability;
- They do not foam and they separate air easily;
- Neutral towards standard seals.

QUALITY LEVEL

ISO 6743-5	GEK 32568 A/C
ISO 8068	US Steel 120/125
DIN 51515-1 L-TD	Siemens TLV 9013 04/1
DIN 51515-2 L-TG	CEGB 20700A
MIL-PRF-17672D	Brown Boveri HTGD 90117
BS 489	Westinghouse Electric Corp.
	Alstom HTGD 90 117 V0001S

APPLICATION

Turbine oils are intended for the lubrication and cooling of steam, water and gas turbine bearings and they have important sealing role in order to provide reliable operation of controlling and regulatory turbine system.

They are also recommended for the lubrication of certain compressor types, they can be used as hydraulic fluids and in numerous other cases where high oil oxidation stability and good protection against the appearance of rust and corrosion are required.

TYPICAL CHARACTERISTICS

	FAM® TURBOL 32 PLUS	FAM® TURBOL 46 PLUS	FAM® TURBOL 68 PLUS	METHOD
VG viscosity grade	32	46	68	ISO 3448-92
Density at 15°C, g/ml	0,850	0.855	0.860	SRPS EN ISO 3675
Kinematic viscosity at 40°C, mm ² /s	32	46	68	SRPS ISO 3104
Kinematic viscosity at 100°C, mm ² /s	5.90	7.50	9.5	SRPS ISO 3104
Viscosity index	130	128	119	SRPS ISO 2909
Flash point, °C	240	250	255	SRPS EN ISO 2592
Demulsibility at 54°C	40-40-0/10'	40-40-0/10'	40-40-0/10'	SRPS ISO 6614
Cu corrosion, 3h/100°C	1a	1a	1a	SRPS EN ISO 2160
Oxidation stability (TOST), up to Nb=2,0 mgKOH/g, hours	>10000	>10000	>10000	SRPS ISO 4263
Oxidation stability, RBOT, min	>1000	>1000	>1000	ASTM D 2272

STORAGE

Store in covered area. If stored outdoors, it is necessary to place the drums in a horizontal position to prevent the accumulation of water on the surface of the drum. Do not store at elevated temperatures or in locations exposed to direct sunlight.

All necessary instructions can be found in the product SDS. It contains the details of possible hazards, warnings and first aid measures, as well as the impact on the environment and the necessary measures for the storage and handling.

PACKING

Drums 180kg.

Data are orientational, manufacturer reserves the right to make changes in order to improve product quality.

