PRODUCT DATA

VKB Petroleum Gear Oils PAG

PRODUCT DESCRIPTION

HIGH PERFORMANCES and LONG LIFE SYNTHETIC OIL to SPEED REDUCTION GEARS

VKB Petroleum Gear Oils PAG is a range of high-performance, heavy-duty, extreme pressure, industrial gear lubricants, formulated with polyalkylene glycol (PAG) base fluids and selected additives.
These fluids offer excellent performance in severe operating conditions, particularly in worm gearbox applications where good EP properties and lubricity are required to lubricate sliding surfaces, but also in other industrial gears and bearings, particularly in applications where shock loading is experienced.

" VKB Petroleum Gear Oils PAG " range is to use to:

- Paper mills and cardboard factories (high temperatures...),
- Cement factories (heavy loads...)
- Chemistry plants aggressive environment.
- Wind mills.

Note: These products should not be mixed with mineral oil or PAO based products.

VKB Petroleum Gear Oils PAG Advantages:

- A high safe of lubrication, given by high extreme pressure properties.
- An improve of the output thanks to low internal sliding friction created by chemical nature of oil and additives.
- A very long life given by a high natural thermal stability and a high level oxidation resistance.
- An easy using on a large range of temperature given by a high viscosity index.
- A low residue thanks to a low evaporation, Economics of the cost of maintenance thanks to large period of bow off in comparison to standard oils.

TYPICAL TECHNICAL DATA

Property	Test	Units	Gear 150	Gear 220	Gear 320	Gear 460	Gear 460
Nature	-	-	Synthetic	Synthetic	Synthetic	Synthetic	Synthetic
Color	ASTMD1500	-	yellow	yellow	yellow	yellow	yellow
Grade	-	-	ISO 150	ISO 220	ISO 320	ISO 420	ISO 680
Viscosity @ 40° C	ASTM D445	mm^2/s	135-165	198-242	288 – 352	414 -506	612-748
Viscosity @100° C	ASTM D445	mm^2/s	20.3	23.9	38.5	50.5	67.4
Viscosity Index	ASTM D2270	-	151	140	175	179	173
Flash Point	ASTM D93	° C	>200	>200	>200	>200	>200
Pour Point	ASTM D97	° C	-33	-22	-22	-22	-36
4 ball machine — scar diameter	-	mm	0.45	0.45	0.43	0.43	0.28
welding load	-	Kg	315	315	315	315	315