

PLANETELF PAG



Lubrication



Synthetic PAG type lubricant for car air conditionning

APPLICATIONS

Car air conditionning compressor

- Polyalkylene glycol lubricant, PAG, specially formulated for car air conditionning compressors using R134a as refrigerant.
- PLANETELF PAG 244 is a low viscosity PAG oil for variable displacement compressors, where SANDEN SP 10 is recommended.
- PLANETELF PAG 488 is a high viscosity PAG oil for fixed displacement compressors.
- PLANETELF PAG SP 20 (or SANDEN SP 20) is a high viscosity PAG oil for fixed displacement compressors allowing optimal operations of SANDEN compressors suchs as SD5H14, SD7B10, SD7H10, SD7H13, SD7H15/HD, SD7H15/SHD.

SPECIFICATIONS

O.E.M.'s

- PLANETELF PAG 488 is approved by GENERAL MOTORS (DELPHI GM HARRISSON) under the GM Material Specification n° 9985752.
- PLANETELF PAG SP 20 is approved by SANDEN under the specification SANDEN SP 20.

ADVANTAGES

Customer satisfaction guarantee

- PLANETELF PAG have good compatibility behaviour and miscibility with R134a refrigerant allowing optimal cooling of the air conditionning system, and compressor safety under heavy duty use.
- The 250cc cans are filled under nitrogen blanket guaranteeing a water content less than 0,05 %. Water (humidity in air) in the air conditionning system may cause severe damages in hoses and to the relief valve.

HANDLING

- Due to the high hygroscopic nature of PAG oils, their exposure to air must be minimized so as to avoid water absorption (store in a dry place, away from humidity, reduce handling time with the packaging open, avoid storing packaging when open)
- It is recommended to avoid contact with painted surfaces or plastics. In the event of contact , wash the surface with soap and water.

TYPICAL CHARACTERISTICS	METHODS	UNITS	PLANETELF PAG		
			244	488	SP 20
Color			Pale yellow	Blue	Pale yellow
Density at 20°C	ISO 3675		0.99	1.05	1.03
Viscosity at 40°C	ISO 3104	mm ² /s	53	130	100
Viscosity at 100°C	ISO 3104	mm ² /s	10	26	20
Pour point	ISO 3016	°C	- 48	- 44	- 46
Flash point (open cup)	ISO 2592	°C	268	204	204
Water content	Karl Fisher	%	0.05 max	0.05 max	0.05 max

Above characteristics are mean values given as an information.