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NYCOLUBE 3060

ISO/DP 6521 DAB & DAH DIN 51506 VDL	SYNTHETIC AIR COMPRESSOR OIL ISO VG 100

DESCRIPTION :

NYCOLUBE 3060 is a new generation air compressor fluid based on polyol ester. It contains specific anti oxidant and corrosion inhibitor.

APPLICATION :

NYCOLUBE 3060 has been designed to lubricate reciprocating air compressors even for severe operating conditions (air discharge temperature exceeding 200°C) and rotary compressors.

NYCOLUBE 3060 contributes to reduce the operating costs by:

- extending drain intervals (five- to tenfold compare to mineral oils) and then reducing oil consumption, compressor downtime, waste disposal …
- reducing energy consumption thanks to its low friction properties
- reducing wear due to its polarity and excellent lubricity
- maintaining internal parts cleanliness and efficiency (cooler, separator, valves …)
- prolonging compressor life

Thanks to the structure of the ester, NYCOLUBE 3060 does not generate carbon deposits and then improves the safety and reduces fire and explosion hazards.

ADVANTAGES :

- Reduces dramatically carbonaceous deposit on air discharge valves
- Very low carbon deposit and high flash point reduce the risk of explosion and increase safety.
- Very high oxidation stability (oil drain intervals extended up to 8000 h)
- Low volatility reducing oil consumption
- Very low foaming and high demulsibility properties

CHARACTERISTIC	UNIT	TYPICAL	LIMIT (1)	TEST METHOD
- Appearance	-	Conform	Clear, bright and free from sediments and other impurities.	visual examination
- Density at 20°C	kg/dm^3	0.956	-	ISO 12185
- Kinematic viscosity at	Mm²/s			ISO 3104
100°C		10.4	-	
40°C		100	90.0 to 110.0	
- Viscosity Index	-	82	-	ISO 2909
- Flash point, COC	°C	270	min. 205	ISO 2592
- Pour point	°C	-24	max. –9	ISO 3016
- Acid number	mg KOH/g	0.59	-	ISO 6618
- Sulphated ash				ISO 3987
mass fraction	%	traces	-	
- Foaming at 24°C	ml/ml	0/0	max. 300/0	ISO 6247
- Demulsibility at 82°C	min	25	max. 30	ISO 6614
- Rusting test (synth. sea water)	-	Pass	No corrosion	ISO 7120 B
- Copper corrosion	-	1a	max 1b	ISO 2160
- 4-ball test results	mm	0.52	-	ASTM D 4172
- Pneurop Oxidation Test				
CCR after air/Fe_2O_3 ageing	%	0.37	max. 3.0	ISO 6617 part 2
Evaporation loss	%	1.57	max. 20	DIN 51352 part 2
- Distillation Residue (20% vol.)				ISO 6616
Carbon Conradson Residue	%	0.08	max. 0.3	DIN 51551
Ratio of viscosity increase		1.70	max 5	
- water content	%	340	max. 1000	MO-10-013

(1) according to ISO/DP 6521 & DIN 51506