



Technical Data Sheet ATT COMPRESOR Oil

Product Description

Premium performance mineral compressor oil formulated from highly refined paraffinic base stocks and an advanced ashless additive package. Designed to deliver exceptional thermal and oxidation stability, it minimizes carbon and varnish deposit formation under high discharge temperatures and operating pressures. It provides superior rust and corrosion protection alongside excellent water separation characteristics (demulsibility).

Applications

- **ISO VG 32 / 46:** Ideal for rotary screw and rotary vane air compressors.
- **ISO VG 68 / 100:** Recommended for reciprocating (piston-type) air compressors.
- Suitable for units with air discharge temperatures up to 220C meeting **DIN 51506 VDL** requirements.

Key Benefits & Features

- **Low Carbon Formation:** Prevents deposit buildup on valves and piston crowns, reducing fire and explosion risk.
- **Outstanding Demulsibility:** Quickly separates from condensed water to maintain lubricating film integrity.
- **Wear & Corrosion Protection:** Extends component life and protects internal metallic surfaces.
- **Oxidation Stability:** Delivers extended oil drain intervals up to 2,000 operating hours under normal conditions.

Meets the requirements of **Performance Standards**

DIN 51506 VDL / VB / VC | ISO 6743-3 DAA, DAB, DAG, DAH | ISO 51524 Part 2 (HLP)

Περιγραφή Προϊόντος

Υψηλής ποιότητας ορυκτέλαιο αεροσυμπιεστών, παρασκευασμένο από ειδικά επεξεργασμένα παραφινικά βασικά λάδια και ενισχυμένο με εξελιγμένο πακέτο πρόσθετων χωρίς τέφρα (ashless). Είναι σχεδιασμένο για να προσφέρει εξαιρετική θερμική και οξειδωτική σταθερότητα, ελαχιστοποιώντας τη δημιουργία επικαθίσεων άνθρακα (επικαθίσεις επικρουστήρα/βαλβίδων) σε συνθήκες υψηλών θερμοκρασιών και πιέσεων. Παρέχει ανώτερη αντιδιαβρωτική και αντισκουριακή προστασία, καθώς και ταχύτατο διαχωρισμό από το νερό (demulsibility).

Εφαρμογές

- **ISO VG 32 / 46:** Κατάλληλο για κοχλιοφόρους (rotary screw) και πτερυγιοφόρους (rotary vane) αεροσυμπιεστές.
- **ISO VG 68 / 100:** Κατάλληλο για παλινδρομικούς/εμβολοφόρους (reciprocating/piston) αεροσυμπιεστές.
- Ενδείκνυται για συστήματα με θερμοκρασίες εξόδου αέρα έως 220C σύμφωνα με το πρότυπο **DIN 51506 VDL**.

Πλεονεκτήματα & Χαρακτηριστικά

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- **Ελάχιστες Επικαθίσεις:** Πολύ χαμηλή τάση σχηματισμού ανθρακωμάτων και επικαθίσεων στις βαλβίδες αποstatement.
- **Εξαιρετικός Διαχωρισμός Νερού:** Ταχεία απόσβεση συμπυκνωμάτων νερού, αποτρέποντας τη δημιουργία γαλακτώματος.
- **Αντιφθορη Προστασία:** Παρατείνει τη διάρκεια ζωής των ρουλεμάν και των κινητών μερών.
- **Μακρά Διάρκεια Ζωής:** Αντοχή στην οξείδωση για διαστήματα αλλαγής έως και 2.000 ώρες λειτουργίας (ανάλογα με τις συνθήκες).

Προδιαγραφές & Επίπεδα Απόδοσης

DIN 51506 VDL / VB / VC | ISO 6743-3 DAA, DAB, DAG, DAH | ISO 51524 Part 2 (HLP)

Product Packaging

ISO 32	ISO 46	ISO 68
5201001 20 20L	5201002 20 20L	5201003 20 20L
5201001 204 204L	5201002 204 204L	5201003 204 204L

Property	Method	Unit	32	46	68
ISO			32	46	68
Specific Gravity 15°C	ASTM D 1298	kg/L	0,87	0,88	0,888
Viscosity at 40°C	ASTM D 445	cSt	28,8 – 35,20	41,4-50,6	61,2-74,8
Viscosity at 100°C	ASTM D 445	cSt	5,0-5,8	6,3-7,2	8,2-9,2
Viscosity Index	-	cSt	95-108	95-108	95-105
Pour Point	ASTM D 97	°C	<-16	<-16	<-16
Flash Point	ASTM D 92	°C	>205	>215	>225
Color	Crystal Gold		Crystal Gold	Crystal Gold	Crystal Gold

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