



**BOLDLY EXCEEDING EXPECTATIONS.**

**DYNAMO  
LUBRICANTS**

## **DYNA PRESS**

### **PREMIUM QUALITY LUBRICANTS FOR AIR COMPRESSORS**

Dyna Press is a Premium Quality Lubricants for Air Compressors and has been formulated from highly refined paraffinic base oils and high-performance additives to provide outstanding lubrication in a variety of rotary and reciprocating air compressors. All ISO viscosity grades are formulated with outstanding oxidation

performance, wear protection, resistance to rust and corrosion, rapid water separation and foam control.

Dyna Press Series Oils are available in ISO VG 32, 46, 68, 100, 150, 220.

### **FEATURES & BENEFITS**

- Cleaner compressors and lower deposits compared to conventional mineral oils, resulting in longer running periods between maintenance intervals.
- Excellent oxidation and thermal stability safely allow extended life capability while controlling sludge and deposit formation.
- Possess outstanding anti-wear and corrosion protection, which enhances equipment life and performance.
- Low ash and carbon formation that improved valve performance, reduced deposits in discharge lines, reduced potential for fires and explosions in discharge systems and improved compressor performance.
- Outstanding oxidation and thermal stability for longer oil life, improved filter life and lower maintenance costs.
- High load-carrying ability that reduced wear of rings, cylinders, bearings and gears.
- Excellent water separability for less carryover to downstream equipment, reduced sludge formation in crankcases and discharge lines, reduced blockage of coalescers and less potential for emulsion formation.
- Effective rust and corrosion protection that improved protection of valves and reduced wear of rings and cylinders.

### **APPLICATION**

The Dyna Press Series oils are recommended for single and multistage air compressors. They are particularly effective for continuous high temperature operation. The maximum compressed air temperature, according to DIN 51506, is 220 °C. They are suitable for reciprocating and rotary type machines with the lower viscosity grades mainly used in rotary compressors. The Dyna Press Series oils are recommended for units with a history of excess oil degradation, poor valve performance or deposit formation. They are compatible with all metals used in compressor construction and with mineral-oil compatible elastomers used in seals, O-rings and gaskets.

The Dyna Press Series oils are not intended or recommended for use in air compressors for breathing applications.

The following types of compressors have shown excellent performance with the Dyna Press Series oils:

- Reciprocating air compressor crankcases and cylinders
- Rotary screw compressors
- Rotary vane compressors
- Axial and centrifugal compressors
- Compressor systems with critical gears and bearings
- Compressors used in stationary and mobile applications

**MANUFACTURED BY**  
D.K. LUBRICANTS (M) SDN BHD  
SELANGOR D.E., MALAYSIA

**INTERNATIONALLY MARKETING BY**  
KISMAT PETROLEUM TRADING PTE LTD,  
SINGAPORE



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## APPROVALS

The Dyna Press Series Oils meets or exceeds the requirements of DIN 51506 VD-L

## SPECIFICATION OF DYNA PRESS

PARAMETERS	ISO VG 32	ISO VG 46	ISO VG 68	ISO VG 100	ISO VG 150	ISO VG 220
Viscosity, ASTM D 445						
cSt @ 40° C	32	46	68	104.6	147.3	218
cSt @ 100° C	5.4	6.9	8.9	11.6	14.7	19.38
Viscosity Index, ASTM D 2270	105	105	105	100	100	100
Sulfated Ash, wt%, ASTM D 874	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Copper Strip Corrosion, ASTM D130, 3 h @ 100° C	1B	1B	1A	1B	1A	1A
FZG Load Support, DIN 51354, Fail Stage	12	11	12	11	11	11
Rust Characteristics; ASTM D665 B; ASTM D665 A	Pass	Pass	Pass	Pass	Pass	Pass
Flash Point, °C, ASTM D 92	216	218	231	244	249	252

These characteristics are typical of current production.

Whilst future production will conform to Dynamo specification, variations in these characteristics may occur.

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