



High Performance Grease



Our Product and Services offered

- Industrial Grease
- Condition Monitoring
- Oil and Grease Testing

"We are pleased to introduce ourselves, as MVS ACMEI TECHNOLOGIES PRIVATE LIMITED, which is the largest and fastest growing company in industrial packaging, condition monitoring and reliability maintenance services & consulting organization in India, Middle East and Africa.

MVS ACMEI is also into supply of superior performance industrial greases for core industrial segments like Steel, Mining, Paper, Ceramics, Ports, Aluminum, Copper, Zine, Cement, Power etc. thru their Brand, "AcmeiLube".

MVS ACMEI is the only company to integrate advanced technologies in IRM to provide complete solutions. Our offer of superior performance industrial greases add to the basket of maintenance solutions. We advise on maintenance solutions that ensure machine uptime and reduce total maintenance spend with improved machine safety, health, performance & environment.

MVS ACMEI has more than 250+ engineers & analysts located across regions to offer various maintenance and condition-monitoring services 24x7."

Mining Application – Full range of superior performance lubricants and cost effective solutions

Equipment & Components

Mining process includes excavation, intermediate processing and transportation of materials using specialized equipment.

The equipment works in relatively low operating speeds, extremely heavy load, high vibrational and shock loads resulting in breakage of the lubricating films and thus require frequent lubricating cycles.

Working environment has presence of airborne dirt and dust creating an unwanted abrasive condition which results in limiting the operation of a mechanical component and effectiveness of the lubricating film is reduced.

Key success is ensuring uptime, reliability and cost effectiveness of the equipment by selecting superior performance lubricating grease technology and management.

- Pin & Bushes
- Manual & Centralized Greasing of Trucks
- Bearing of Equipment like Crusher, Screen and Stacker Reclaimer
- Open gear
- Wire Rope for Cranes

Pin & Bush Application

- SLUBE - 200HL/XHL
High Performance
- SLUBE - 100
General Purpose



Bearing Application

- SLUBE - 200HL/XHL
High Performance
- SLUBE - 100
General Purpose



Bearing Application

- SLUBE - 200HL/XHL
High Performance
- SLUBE - 100
General Purpose



Wire Rope Application

- SLUBE - 500WR
Superior Wire Rope
Lubricant



Steel Industry

Grease and Oil in an integrated steel plant is a major challenge with numerous types of lubricants and different types of equipment. The steel plant equipment work under various operating parameters; from extreme heavy load to very high speed, low temperatures to high temperatures, dusty environment. Selection of proper lubricant is very essential for smooth operation and reliability of equipment in steel plant.

An integrated steel plant comprises of four major groups such as Iron Making, Steel Making, Rolling / Finishing and Auxiliary Units. Each group is subjected to high impact loads, water ingress, high temperature near re-heating furnaces and higher speed and high loads.

In Steel plants equipment reliability & better maintenance practices are very important which directly affect the productivity & healthy equipment. Proper lubrication can prevent various maintenance problems leading to smooth operation of steel plants. Cost of Lubricants is only a small fraction of total maintenance cost. But improper lubrication can increase number of breakdowns. Procuring superior quality of grease & Oil will be rewarding in terms of trouble free working, reduced spares and optimum cost of maintenance.

Hot Mill Bearing Application

- SLUBE - 400 High Temperature Grease
- SLUBE - 200HL/XHL High Performance
- SLUBE - 100 General Purpose



Bar Mill Bearing Application

- SLUBE - 400 High Temperature Grease
- SLUBE - 200HL/XHL High Performance
- SLUBE - 100 General Purpose



Crane Application

- SLUBE - 500WR Superior Wire Rope Lubricant
- SLUBE - 200HL/XHL High Performance
- SLUBE - 600CL Gear Box (Say no to Leakage)



Gear Box Application

- SLUBE - 600CL Say no to Leakage
- SLUBE - 300HL High Performance
- SLUBE - 200HL/XHL High Performance



Paper Industry

Paper Industry major challenges to work 24x7 under extreme working condition to withstand water, wet dust, steam and heavy workloads. Water ingress and temperature leads to failure of bearings in frequent intervals. Oil circulating system for bearings also has challenge of recirculating the oil with less than 500 PPM water content.

Grease gives a better solution to above, but selection of grease plays a very vital role for uninterrupted functioning of machines. Our superior performance grease ensures longer life of the bearing, less downtime and cost effective value added solutions to challenges of this industry against water ingress, high load and high temperature.



Wire Section Application

High Load and Water resistance lubricating grease.

SLUBE - 200HL/XHL
High Performance



Press Section Application

High Load lubricating grease.

SLUBE - 200HL/XHL
High Performance



Dryer Section Application

High Temperature lubricating grease.

SLUBE - 300HL
High Performance

Product Range

Product	By Oil	By Thickener	NLGI Grade	Applications
SLUBE – 100	Mineral	Lithium	00,0,1,2	All Purpose
SLUBE – 200HL	Mineral	Lithium Complex	1,2	High Load, High Temperature & Water Resistance
SLUBE – 200XHL	Mineral	Lithium Complex	1,2	Heavy Load, High Temperature & Water Resistance
SLUBE – 300HL	Synthetic	Lithium Complex	1,2	High Load, High Temperature & Water Resistance
SLUBE – 400	Mineral	Polyurea	1,2	Critical High Temperature and load
SLUBE– 500WR	Mineral	Bentonite	00	Wire rope and Chain
SLUBE – 600CL	Mineral	Lithium Calcium	000,00,0	Centralized & Gear Box Lubrication

National Lubricating Grease Institute Consistency Grades

NLGI Grade	ASTM worked Penetration	Appearance	General use
000	445-475	Fluid	Centralised Lubrication System Gear Lubrication System
00	400-430	Semi Fluid	
0	355-385	Very Soft	
1	310-340	Soft	Bearings, Rollers Sliding surface
2	265-295	Medium Soft	
3	220-250	Average	
4	175-205	Stiff	Block Grease Sealing Grease
5	130-160	Very Stiff	
6	85-115	Block	

Grease compatibility depends on the type of thickener and oil used in formulation

Thickener	Lithium Complex Alluminim	Calcium Complex	Aluminium Complex	Calcium Sulfonate	Bentonite	Polyurea
Lithium Complex	Compatible	Need to be tested for Compatibility	Not Compatible	Compatible	Not Compatible	Need to be tested for Compatibility
Calcium Complex	Need to be tested for Compatibility	Compatible	Not Compatible	Need to be tested for Compatibility	Not Compatible	Compatible
Aluminium Complex	Not Compatible	Not Compatible	Compatible	Need to be tested for Compatibility	Not Compatible	Need to be tested for Compatibility
Calcium Sulfonate	Compatible	Need to be tested for Compatibility	Need to be tested for Compatibility	Compatible	Not Compatible	Not Compatible
Bentonite	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Compatible	Need to be tested for Compatibility
Polyurea	Need to be tested for Compatibility	Compatible	Need to be tested for Compatibility	Not Compatible	Need to be tested for Compatibility	Compatible

Compatible

Not Compatible

Need to be tested for Compatibility

Few of our esteemed customers



MVS ACMEI Technologies Pvt Ltd

Regd Office :

Leeven Heights, Plot No. 31, Jubilee Enclave
Madhapur, Hyderabad – 500081, Telangana, India.

Work Address :

Plot #21, EPIP Pashamylaram, Patancheru Mandal
Sangareddy District - 502 307, Telangana, India.

☎ +91 99343 33547, +91 9393922442

✉ aksinha@acmeirm.com, info@acmeirm.com

🌐 www.mvsgroup.co.in